PURDUE UNIVERSITY

Purdue University School of Electrical and Computer Engineering seeks outstanding candidates in computer engineering for research and teaching in the following areas: artificial intelligence, compilers, computer graphics, computer architecture, computer networks, distributed computing, multimedia systems, operating systems, software engineering, VLSI and CAD. Strong candidates in all areas of computer engineering are encouraged to apply. Openings are for tenure-track faculty at all levels.

Send a résumé, including a statement of research and teaching interests and a list of at least three references, to: Head, School of Electrical and Computer Engineering, Purdue University, 1285 EE Building, West Lafayette, IN 47907-1285.

Applications will be considered as they are received. Purdue University is an Equal Opportunity/Affirmative Action employer.

UNIVERSITY OF MARYLAND

Computer and Information Science Faculty Positions

The Department of Computer and Information Science has multiple tenure-track and tenured faculty positions open for Fall 2002. The department’s primary recruiting focus is in the following areas: networking and parallel/distributed systems at both associated and assistant professor levels, programming languages at the assistant professor level, and graphics at the assistant professor level. Out-standing applicants in other areas will also be seriously considered. Applicants must have a Ph.D. in computer science, a demonstrated record of excellence in research, and a strong commitment to teaching.

The CIS department has seventeen research faculty and two instructors and offers B.S., M.S., and Ph.D. degrees. We offer a stimulating and friendly environment for collaborative research both within the department and with other departments on campus. The CIS Department is associated with the Cognitive and Decision Sciences Institute, the Computational Science Institute, the Computational Intelligence Research Laboratory, and the Software Engineering Research Center. More information about the department, its programs and faculty can be found at http://www.cs.umd.edu, or mail your request to: Computer and Information Science, University of Maryland, 2131 A.V. Williams Bldg, University of Maryland College Park, MD 20742.

http://www.cs.umd.edu/centers/bio.htm

The University of Maryland is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. Applications will be accepted until the positions are filled.

U.S. NAVAL POSTGRADUATE SCHOOL

Faculty Candidate Computer Science Department

The Computer Science Department of the U.S. Naval Postgraduate School is seeking tenure-track faculty. Candidates should have a PhD or equivalent in Computer Science or a closely related field. Candidates specializing in areas of computer science are sought, especially in the areas of networking, virtual environments, security, and software engineering. Senior candidates should have an established research record. Faculty are expected to teach graduate classes in their specialty to supervise MS and PhD thesis, and conduct research.

The Naval Postgraduate School, an

UNIVERSITY OF MARYLAND, COLLEGE PARK

Director and Nine Faculty Center for Bioinformatics and Computational Biology

The University of Maryland invites faculty applications at all levels for the newly established Center for Bioinformatics and Computational Biology. The campus has committed substantial resources to the Center, including funds for the recruitment of nine new faculty including a Director. It is anticipated that the primary specialization areas of the new faculty will collectively span the fields of computer science, mathematics and statistics, molecular biology, molecular evolution/phylogeny, and biochemistry. The primary responsibility of the new faculty will be to lead a nationally visible research program in selected areas of computational genomics, proteomics and molecular evolution, complementing existing strengths at the University of Maryland. Candidates for the Director position are expected to be senior researchers with prominent recognition in these areas. All the new faculty will be housed in contiguous space set aside for the Center, and will have access to significant high-end computing infrastructure through the University of Maryland Institute for Advanced Computer Studies. Each will also be affiliated with at least one other campus academic unit appropriate to her/his interests. There is ample potential for collaboration with other outstanding bioinformatics research groups nearby, in organizations such as NIH, Celera, TIGR, the Maryland Biotechnology Institute, and the Smithsonian Institution. To apply, send a letter of application, curriculum vitae, and URL for additional information to cela@umiacs.umd.edu, and have at least 3 letters of recommendation sent to: Cecilia Kullman Center for Bioinformatics and Computational Biology Institute for Advanced Computer Studies 2131 A.V. Williams Bldg University of Maryland College Park, MD 20742

http://www.umiacs.umd.edu/centers/bio.htm

The University of Maryland is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. Applications will be accepted until the positions are filled.

SUBMISSION DETAILS: Rates are $23.00 per line (ten lines minimum). Average five typeset words per line, eight lines per column inch. Add $10 for box number. Send copy at least one month prior to publication date to: Marian Anderson, Classified Advertising, Computer Magazine, 10662 Los Vaqueros Circle, PO Box 3014, Los Alamitos, CA 90720-1314; (714) 821-8380; fax (714) 821-4010. Email: manderson@computer.org. ONLINE: For each classified ad placed in Computer you get a FREE duplicate listing on the IEEE Computer Society’s World Wide Web site at http://www.computer.org. Each infoserver listing runs for a period of one month.

In order to conform to the Age Discrimination in Employment Act and to discourage age discrimination, Computer may reject any advertisement containing any of these phrases or similar ones: “...recent college grads...” “...1-4 years maximum experience...” “...up to 5 years experience...”; or “...10 years maximum experience...” Computer reserves the right to append any advertisement without specific notice to the advertiser. Experience ranges are suggested minimum requirements, not maximums. Computer assumes that since advertisers have notified of this policy in advance, they agree that any experience requirements, whether stated as ranges or otherwise, will be construed by the reader as minimum requirements only. Computer encourages employers to offer salaries that are competitive, but occasionally a salary may be offered that is significantly below currently acceptable levels. In such cases the reader may wish to inquire of the employer whether extenuating circumstances apply.
Equal Opportunity Employer, officers MS and PhD degrees, is located in beautiful Monterey, CA, and enjoys a moderate year round climate. Candidates are requested to send a vita electronically to Srch@cs.nps.navy.mil

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
Department of Computer Science

The Hong Kong University of Science and Technology is a technological university dedicated to the advancement of learning and scholarship, with special emphasis on research, postgraduate education, and close collaboration with industry and business. The University comprises four Schools: Science, Engineering, Business & Management, and Humanities & Social Science. The medium of instruction is English.

The Department of Computer Science in the School of Engineering has a number of faculty positions open at all levels for the 2002-2003 academic year. It currently has 40 faculty members recruited from major universities and research institutions around the world, about 600 undergraduate students and about 150 postgraduate students. More information about the Department can be found at our Web site.

The Department is looking for faculty members with research interests in, but not limited to, the following areas: information retrieval, internet computing, database, vision, graphics, HCI, multimedia systems, bioinformatics, networking, security, software engineering, and wireless/mobile computing. Ample research funding is available through government agencies and industry-sponsored research institutes at the University.

Applicants should have a PhD degree and demonstrated potential in teaching and research. Senior applicants must have excellent teaching and research records.

Salaries are very competitive with generous benefits. Assistance in housing will be provided where applicable. Initial appointments will normally be on a three-year contract, renewable subject to mutual agreement. A gratuity will be payable on satisfactory completion of the contract.

Applications with curriculum vitae and the names of at least three referees should be sent to:
Head, Department of Computer Science
The Hong Kong University of Science & Technology
Clear Water Bay, HONG KONG
Fax: (852) 2358 2679
Email: csrecruit@cs.ust.hk
URL: http://www.cs.ust.hk

PostScript format is preferred for applications sent through email. Priority will be given to applications received by January 31, 2002.

(School of Computer Engineering)

THE NANYANG TECHNOLOGICAL UNIVERSITY
SINGAPORE

The Nanyang Technological University (NTU), established in 1991, is today one of the top Universities in Asia and has gained excellent reputation as a university of industry and business. It has built up strong Schools in the fields of engineering and technology, business, education and mass communications. It has currently an enrollment of more than 14,000 undergraduate and 4,000 graduate students.

SCHOOL OF COMPUTER ENGINEERING
(www.ntu.edu.sg/iscel)

The School invites applications from suitably qualified candidates to fill a number of faculty posts which can be made at any level - assistant professorship, associate professorship and professorships. Successful applicants will contribute to undergraduate and postgraduate teaching and research in one or more of the following areas:

- Electronics Systems Design
- Microprocessor-Based Systems Design
- Digital Control & Instrumentation
- Computer Graphics & Animation
- Computer Vision and Robotics
- Computer Network Technology (Including mobile communications)
- Multimedia Communications
- Real-Time (Embedded) Systems
- Computer Architecture
- Digital Signal Processing
- Internet Technology
- Intelligent Systems
- Parallel and Distributed Processing
- Computer Security
- Database Systems, Data Mining and Data Warehousing
- Bioinformatics

Curriculum development, course management and administration will come under the remit of academic staff members.

For appointments at a senior level, candidates should have a record of substantial achievement in research and teaching and the ability to provide academic leadership. At the Assistant Professorship level, demonstrable potential for achievement in research and teaching is required.

Applicants must possess the following qualifications:
1. Bachelor’s degree in electronics engineering, computer engineering, or computer science.
2. Ph.D. from a reputable university.

Successful applicants will be offered an attractive remuneration package commensurate with their qualifications and work experience. The annual salary, which will be paid in monthly instalments, comprises the Monthly Basic Pay and the Group Bonus (which is presently equivalent to 2 months of the Monthly Basic Pay). The current ranges of the annual salary in respect of the appointment grades, inclusive of the non-contractual Group Bonus amount, are as follows:

- **Annual Salary (for 12 months) inclusive of Group Bonus**
  - **Professorship** $182,000 - $275,800
  - **Associate Professorship** $110,600 - $208,600
  - **Assistant Professorship** $72,800 - $123,900

  (US$1 = S$1.75 approximately as at 23 September 2001)

In addition to the salary set out above, an Individual Performance Bonus may be paid solely at the discretion of the University depending on the performance of the individual and the University.

Leave and medical benefits will be provided. Other benefits, depending on the type of contract offered, include provident fund benefits or a special payment for foreign staff, settling-in allowance, subsidised housing, children’s education allowance, passage assistance, and baggage allowance for transportation of personal effects to Singapore. Staff members may undertake consultation work, subject to the approval of the University, and retain consultation fees earned.

To apply, complete and send in your application form (which can be downloaded from http://www.ntu.edu.sg/personnel/) or your detailed curriculum vitae, which should include your areas of research interest, list of publications and the names and addresses, e-mail addresses and telex/numbers of three referees to: The Vice President (Human Resources), NANYANG TECHNOLOGICAL UNIVERSITY, Office of Human Resources, Administration Building, Level 4, 50 Nanyang Avenue, Singapore 639798. Telephone: (65) 791-9340, E-Mail: RAKINDER@ntu.edu.sg

November 2001
UNIVERSITY OF PENNSYLVANIA
Department of Computer and Information Science
Faculty Positions

The University of Pennsylvania invites applicants for tenure-track appointments in both experimental and theoretical computer science to start July 1, 2002. Senior level appointments will also be considered. Faculty duties include undergraduate and graduate level teaching as well as research.

Successful applicants will find Penn to be a stimulating environment conducive to professional growth. Construction is under way on our new $21 Million Computer Science Building. The Department of Computer and Information Science has embarked on a strategic plan to add a significant number of tenure-track faculty over the next five years. We seek to expand and broaden both the applied and theoretical sides of our research and teaching program, building on existing strengths in algorithms and computational biology, computer graphics and animation, computer vision and robotics, databases, logic and computation, natural language processing, networks and distributed systems, programming languages, and real time systems.

The University of Pennsylvania is an Ivy League University located near the center of Philadelphia, the 5th largest city in the US. Within walking distance of each other are its Schools of Arts and Sciences, Engineering, Medicine, Nursing, Law, Business and Fine Arts. The University campus and its surroundings in Philadelphia benefit from a rich diversity of cultural opportunities as well as attractive urban and suburban residential neighborhoods.

To apply, please complete the form located on the Faculty Recruitment Web Site at:
http://www.cis.upenn.edu/positions/faculty_application.html

Electronic applications are strongly preferred, but hard-copy applications (including the names of at least four references) may alternatively be sent to:
Chair, Faculty Search Committee
Department of Computer and Information Science
School of Engineering and Applied Science
University of Pennsylvania
Philadelphia, PA 19104-6389

Applications should be received by January 15, 2002 to be assured full consideration. Applications will be accepted until positions are filled. Questions can be addressed to faculty-search@central.cis.upenn.edu.

The University of Pennsylvania is an Equal Opportunity/Affirmative Action Employer. The Penn CIS Faculty is sensitive to “two-body problems” and would be pleased to assist with opportunities in the Philadelphia region.

UNIVERSITY OF VICTORIA
Canada Research Chair in Software Engineering

The Department of Computer Science at the University of Victoria seeks an outstanding individual to be appointed a (full) Professor and hold a Canada Research Chair at the Tier 1 level. The University has identified Software Engineering as a major priority in its strategic plan. The successful candidate will have an excellent record of teaching and research in this field. He or she will join an existing group of highly active software engineering researchers who have built an enviable reputation for the scope and quality of their work. Full details are on line at www.csc.uvic.ca/news/career.

PURDUE UNIVERSITY
Department of Computer Sciences

The Department of Computer Sciences at Purdue University invites applications for tenure-track positions beginning August 2002. Positions are available at the assistant professor level; senior positions will be considered for highly qualified applicants. Applications from outstanding candidates in all areas
McMaster University
Faculty Positions

McMaster University has identified "Information Technology" as an area of strategic priority. This area which includes both Electrical and Computer Engineering is receiving special attention in terms of resource reallocation and faculty renewal. The Department of Electrical and Computer Engineering is seeking new faculty members at all ranks in the broad area of information technology with special emphasis on areas of electrical and computer engineering that include data and network communications, microelectronics, computer systems, communication systems, photonic and wireless technologies, Internet multi-media technologies and modern control.

Qualified candidates will have a strong commitment to research and teaching with the ability to establish or maintain a dynamic research program in their fields of expertise. They will also have strong communication skills and will be able to impart their knowledge and expertise to both undergraduate and graduate students.

McMaster University has an outstanding research environment and is well known for its innovation in teaching and program development, and offers attractive start-up packages to outstanding candidates. The Electrical and Computer Engineering Department has strong ties with government and industrial research laboratories throughout the world and is well positioned to take advantage of many new research opportunities in the area of telecommunications and information technology.

McMaster University is committed to employment equity and encourages applications from all qualified candidates, including aboriginal peoples, persons with disabilities, members of visible minorities and women. In accordance with Canadian Immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. Rank and salary are commensurate with qualifications and experience.

Further information on the department is available from http://www.ece.mcmaster.ca

Applications complete with a curriculum vitae and the names of three references should be sent to:

Dr. T. Luo, Chair
Department of Electrical and Computer Engineering
McMaster University
1280 Main Street West
Hamilton, Ontario, Canada L8S 4L7
Telephone: 905-525-9140, ext. 23315
Fax: 905-523-4407
e-mail: ferracu@mcmaster.ca
Job Opportunities

Prince Sultan College, Riyadh (a newly established educational institution, first of its kind in Kingdom of Saudi Arabia) has opportunities for well-qualified, committed and experienced faculty members (both male and female) in its computer department. It presently invites applications for appointment to the post of ‘Assistant Professor’ to start in September and January each year. Applicants should be willing to teach in a highly structured intensive program to which they are encouraged to contribute ideas and materials. Applicants should have a proven background of excellence in research and publications. They should also have experience of providing leadership in teaching in academic environment. The medium of instruction at the college is English.

Qualifications: PhD in Computer Science or Information System
Experience: Minimum one year teaching experience
Salary and Benefits:
1. Competitive salary based on qualifications and experience.
2. Attractive housing allowance.
3. Transportation allowance.
4. Four air tickets from origin (for up to four persons to Riyadh on appointment, end-of-service and annual vacation).
5. Medical insurance coverage according to college policy.
6. Tuition fees for school-age dependent children (from 6 to 18 years).
7. 60 days annual paid vacation.
8. Gratuity as per College rules and regulation at the end-of-service.

Apply with detailed resume/C.V to
Dean, Prince Sultan Private College,
P.O. Box 66833, Riyadh 11586,, Kingdom of Saudi Arabia,
Fax #: +966-1-454-8317, E.Mail: recruitment@psc.edu.sa

The University of Maryland, College Park, invites applications for the position of Director of the newly established Center for Bioinformatics and Computational Biology. The campus has committed substantial resources to the Center, including funds for the recruitment of nine new faculty. It is anticipated that the primary specialization areas of the faculty in the Center will collectively span the fields of computer science, mathematics and statistics, molecular biology, molecular evolution and phylogeny, and biochemistry.

The Director will be an outstanding scientist who will play a leadership role in developing and implementing a vision for the Center leading to nationally visible research programs in selected areas of computational genomics, proteomics and molecular evolution. Candidates for this position must have an established international reputation in interdisciplinary research with strong leadership skills. The appointment will be made at the Full Professor level and will be joint with one or more of the related academic departments on campus. To apply, send a letter of application, curriculum vitae and URL for additional information to cecilia@umiacs.umd.edu, and have at least five letters of recommendation sent to:

Cecilia Kullman
Center for Bioinformatics and Computational Biology
Institute for Advanced Computer Studies
2131 A. V. Williams Bldg
University of Maryland
College Park, MD 20742
http://www.umiacs.umd.edu/centers/bio.htm

The University of Maryland is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. Applications will be accepted until the position is filled.

The Department of Computer Sciences offers a stimulating and nurturing academic environment. Thirty-five faculty members have research programs in analysis of algorithms, bioinformatics, compilers, databases, distributed and parallel computing, geometric modeling and scientific visualization, graphics, information security, networking and operating systems, programming languages, scientific computing, and software engineering. The department implements a strategic plan for future growth which is strongly supported by the higher administration. This plan includes a new building expected to be operational in 2004 to accommodate the significant growth in faculty size. Further information about the department is available at http://www.cs.purdue.edu.

Applicants should hold a Ph.D. in Computer Science, or a closely related discipline, and should be committed to excellence in teaching and have demonstrated strong potential for excellence in research. Salary and benefits are highly competitive. Special departmental and university initiatives are available for junior faculty. Candidates should send a curriculum vitae, a statement of career objectives, and names and contact information of at least three references to:

Chair, Faculty Search Committee
Department of Computer Sciences
Purdue University
West Lafayette, IN 47907-1398
Applications are being accepted now and will be considered until the positions are filled. Inquiries may be sent to fac-search@cs.purdue.edu. Purdue University is an Equal Opportunity/Affirmative Action employer. Women and minorities are encouraged to apply.

Michigan Technological University invites applications for both tenure-track and visiting faculty positions in electrical and computer engineering at all levels. Areas of primary interest are embedded systems, real-time OS, VLSI CAD, and computer networks. Other areas will also be considered. The Department of Electrical and Computer Engineering has one of the leading undergraduate programs in the nation and is aggressively growing its graduate education and research programs. Michigan Tech is located in the beautiful Upper Peninsula of Michigan, offering extensive opportunities for outdoor recreation. More information can be found on our website: www.ece.mtu.edu. Michigan Tech is an equal opportunity employer. Women and minorities are encouraged to apply. Send resume, statements of teaching and research interests, with three references...
to: Chair, ECE Search Committee, Michigan Technological University, 1400 Townsend Drive, Houghton, MI 49931.

Electronic applications are accepted at: ece@mtu.edu.

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**UNIVERSITY OF SAN FRANCISCO**

The Department of Computer Science at the University of San Francisco (USF) invites applications for several tenure-track positions at all levels. We are seeking applicants in the areas of Computer Architecture, Networks, Parallel and Distributed Computing, Software Engineering, VLSI, Computer Graphics, Information Systems and Security, and Bioinformatics and Computational Biology. Candidates with interdisciplinary research interests are encouraged to apply. Responsibilities include teaching at the undergraduate and graduate levels, pursuing leading edge research in computer engineering and publishing research results in leading journals and conferences, guiding graduate and undergraduate students, seeking, establishing, and maintaining external research funding, building a research group and participating in outreach activities. By the date of employment, applicants should have a PhD in computer engineering, computer science, or a related discipline. Applicants must have a strong commitment to perform high quality basic or applied research and publish results, a strong commitment to teaching, and demonstrated potential for leadership in professional activities in areas of their specialty. Senior level candidates must have demonstrated ability to provide leadership and mentoring to build a strong research and teaching program in his/her area of expertise. Exceptional senior candidates will be considered for the Jenkins and Palmer endowed chairs and for the Whitney and Sahai endowed professorships. Exceptional junior candidates will be considered for the Litton endowed professorship. Salary is commensurate with qualifications. The Department information can be found at [http://www.ee.usfca.edu/job.html](http://www.ee.usfca.edu/job.html). Applicants should send a letter of application and a resume including names and addresses of at least 3 references to S. S. Venkata, Chair, Electrical and Computer Engineering, 2215 Coover Hall, Iowa State University, Ames, IA 50011. Application review will begin immediately and will continue until all positions are filled. To guarantee consideration, the application must be received by December 31, 2001. Iowa State University is an equal opportunity/affirmative action employer.

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**IOWA STATE UNIVERSITY**

Department of Electrical and Computer Engineering, Iowa State University invites applications for several tenure track positions at all levels. We are seeking applicants in the areas of Computer Architecture, Networks, Parallel and Distributed Computing, Software Engineering, VLSI, Computer Graphics, Information Systems and Security, and Bioinformatics and Computational Biology. Candidates with interests in other areas of Computer Engineering will also be considered. Candidates with interdisciplinary research interests are encouraged to apply. Responsibilities include teaching at the undergraduate and graduate levels, pursuing leading edge research in computer engineering and publishing research results in leading journals and conferences, guiding graduate and undergraduate students, seeking, establishing, and maintaining external research funding, building a research group and participating in outreach activities. By the date of employment, applicants should have a PhD in computer engineering, computer science, or a related discipline. Applicants must have a strong commitment to perform high quality basic or applied research and publish results, a strong commitment to teaching, and demonstrated potential for leadership in professional activities in areas of their specialty. Senior level candidates must have demonstrated ability to provide leadership and mentoring to build a strong research and teaching program in his/her area of expertise. Exceptional senior candidates will be considered for the Jenkins and Palmer endowed chairs and for the Whitney and Sahai endowed professorships. Exceptional junior candidates will be considered for the Litton endowed professorship. Salary is commensurate with qualifications. The Department information can be found at [http://www.ee.iastate.edu](http://www.ee.iastate.edu). Applicants should send a letter of application and a resume including names and addresses of at least 3 references to S. S. Venkata, Chair, Electrical and Computer Engineering, 2215 Coover Hall, Iowa State University, Ames, IA 50011. Application review will begin immediately and will continue until all positions are filled. To guarantee consideration, the application must be received by December 31, 2001. Iowa State University is an equal opportunity/affirmative action employer.

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**THE UNIVERSITY OF NEWCASTLE, AUSTRALIA**

Located on the Pacific Coast 110 miles north of Sydney. The University of Newcastle is one of Australia’s leading universities - an exceptional achiever in research with an international reputation for expertise in innovative approaches to teaching and learning.

**PROFESSOR OF SOFTWARE ENGINEERING**

Position No. A191/01

A Professor in Software Engineering or closely related fields is required to be involved in the ongoing development of the Department’s research activities and industry links, as well as new entrepreneurial initiatives at local, national and international levels. The Department is a dynamic and expanding group within one of Australia’s top research-intensive engineering schools. A flexible remuneration and superannuation package of up to AUD$110,000 is available. An additional market loading may also be negotiated.

Women are particularly encouraged to apply as they are under-represented at senior academic levels in the Faculty.

Applications Close: Friday 30 November 2001

For full details about the position, including selection criteria and application procedure, please visit our website at [www.newcastle.edu.au/employment/adv/a191_01.html](http://www.newcastle.edu.au/employment/adv/a191_01.html) or email employment@newcastle.edu.au

Seagate Technology, Inc. is a leading provider of the Internet infrastructure enabling people to store, access, and manage information. We currently have the following opportunity available in our Pittsburgh, PA Research Center:

**Director, Storage Systems Research**

This position is challenged with assembling an all-star team of computer scientists and engineers to define an advanced, next-generation data storage system or sub-system that is optimized for scalability, manageability, reliability and security. This team will also be involved with architectures/interfaces for storage devices in rapidly growing consumer applications such as audio/video and robotics. The incumbent will interface with universities, storage system suppliers and end-users to attract leading talent, maintain knowledge of new developments, and ensure developed systems meet evolving customer needs.

The selected candidate will be a recognized expert who holds a Ph.D. Degree in Computer Science or a related technical field. Also required is prior directly related research management experience in industry or academia and experience with both NAS and SAN systems and their interfaces.

Seagate offers a highly competitive compensation and benefits package. Qualified candidates are encouraged to email their credentials to Ed.K.Thode@seagate.com or fax them to the Human Resources Department at 412-918-7024.

[www.seagate.com](http://www.seagate.com)

Seagate is an equal opportunity employer
cooperation with the Computer Science Department and the Information Science Institute (ISI). Applications must include a letter clearly indicating which position specified above is being sought, a detailed curriculum vitae, a one page statement on current and future research directions, and names of at least four professional references. Applicants who are still Ph.D. students are responsible for soliciting reference letters to be sent directly to the address below. Please send material to: Chair, Faculty Recruitment Committee, Electrical Engineering-Systems Division, University of Southern California, Los Angeles CA, 90089-2560. USC is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities.

DePAUL UNIVERSITY

The School of Computer Science, Telecommunications and Information Systems (CTI) of DePaul University invites applications for multiple tenure-track positions beginning September 2002. We welcome applications from outstanding applicants in all areas of specialization. CTI is a young and growing school in downtown Chicago, with a wide range of degree programs. Undergraduate programs include Computer Science, Information Systems, E-Commerce Technology, Human-Computer Interaction, Network Technology, and Computer Graphics and Animation. Graduate programs at the Masters level include Computer Science, Telecommunications, E-Commerce Technology, Information Systems, Distributed Systems, Human-Computer Interaction, Software Engineering, and Management Information Systems. CTI also offers a Ph.D. program in Computer Science. CTI currently has over 80 full-time faculty and a student body growing at a rate of approximately 20% per year.

By bridging faculty from several areas of computing and information technology and by placing them in the Loop - the heart of Chicago's business and financial district - DePaul has established a unique, dynamic, and entrepreneurial school. CTI rewards excellent teaching, provides strong support for research, and encourages creative applied scholarship.

DePaul draws students of many backgrounds and cultures from a diverse urban setting. Thus, CTI is interested in recruiting and maintaining a diverse group of faculty. Members of all under-represented groups, women, veterans, and persons with disabilities are invited and encouraged to apply.

In Computer Science, faculty are actively pursuing research in a wide variety of areas, including artificial intelligence, computational complexity, computer vision, databases, distributed computing, foundations of programming languages, graphics, human computer interaction, information retrieval, intelligent agents, parallel and distributed algorithms, quantum computation, software engineering, and web data mining.

In Telecommunications, faculty are actively pursuing research in performance analysis of data networks, techniques for providing differentiated quality of service to Internet applications, formal methods in protocol development, efficient reliable network coding for multimedia systems, distributed network management architectures, and effective wireless network coding techniques.

In Information Systems, faculty actively pursue research in electronic commerce, global information systems, system management methodologies, technology-supported learning, IT job skills, group support systems, collaborative systems design, data mining, business reengineering, IT outsourcing, and IT strategy and planning.

Candidates should have a Ph.D. in a relevant field by the date of appointment. To apply, complete the online application form (at www.cti.depaul.edu) and send a curriculum vita, a teaching statement, a research statement and at least three letters of reference to:

Faculty Search Committee
School of Computer Science, Telecommunications and Information Systems
DePaul University
243 South Wabash Avenue
Chicago, IL 60604-2301
E-mail: faculty_search@cti.depaul.edu.

Electronic submission of documents is strongly encouraged. Applications will be accepted until positions are filled.

DePaul University is committed to equality in educational and employment opportunities.

UNIVERSITY OF CINCINNATI

The Department of Electrical & Computer Engineering and Computer Science invites applications and nominations for Assistant/Associate Professor positions. The department is currently developing programs in Computer Engineering and Computer Science, although appointment at higher rank will be considered for candidates with exceptional qualifications. Areas of interest include 1) VLSI and design automation, 2) software engineering and formal methods, 3) microarchitecture, 4) programming languages and algorithms, and 5) networks and distributed systems. Candidates must have earned Ph.D. degrees in Computer Science, Computer Engineering, or a closely related field, and have the commitment to develop significant funded research programs and to provide effective instruction at the undergraduate and graduate levels. The ECECS Department offers fully ABET-accredited undergraduate programs and M.S. programs in Computer Engineering, Electrical Engineering, and Computer Science. The department offers the Ph.D. in Computer Science & Engineering and in Electrical Engineering. The Department has 47 full-time faculty, 550 full-time graduate students and 550 undergraduate students, and awards approximately 35 M.S. and 15 Ph.D. degrees per year. Research and education programs are well-funded, with annual research funding over $7M. The Department has well-equipped research and teaching laboratories, and occupies 45,000 square feet of space including research laboratory space in a new Engineering Research Center. For additional information please see the departmental web site at http://www.ececs.uc.edu. Applications from women and minorities are encouraged. Please send your letter clearly indicating which position specified above is being sought, a detailed curriculum vitae, a one page statement on current and future research directions, and names of at least four professional references. Applications should be sent to Ms. Jennifer Moore, Secretary -Computing Search Committee, P.O. Box 210030, University of Cincinnati, Cincinnati, Ohio 45221-0030, or electronically to impore@ececs.uc.edu. The University of Cincinnati is an Affirmative Action/Equal Opportunity employer and encourages applications from women and minorities.

INDIANA UNIVERSITY

Faculty Positions

The Indiana University Computer Science Department anticipates filling several tenure-track faculty positions beginning 2002-2003. Areas of interest are databases, embedded systems and networking. In addition our new, privately endowed, pervasive technology labs will be hiring several senior positions in the areas of graphics, human computer interaction, embedded systems and data mining.

The CS department, which is part of the College of Arts and Sciences, is working cooperatively with our new School of Informatics, which offers a B.S. degree focusing on the application of information technology to various disciplines and has M.S. programs in Human Computer Interaction, and Bio and Chemical Informatics. Cross-appointments with Informatics are possible in computer science related areas such as data mining and search technologies.

A Ph.D. in Computer Science is required for all CS faculty positions. Applicants must have demonstrated potential for excellence and productivity in research. In addition, a strong contribution to the educational mission of the department is expected.

The department occupies a spacious attractive limestone building with extensive state-of-the-art computing facilities. The attractive wooded campus of Indiana University is located in Bloomington, chosen as one of the most cultural and livable small cities in the US, and only one hour from the Indianapolis airport. To learn more about the department please visit our web site at www.cs.indiana.edu.

Please send a detailed CV and a list of references to:

Faculty Search
Computer Science Department
Indiana University
Lindley Hall 215
Bloomington, IN 47405-7104
email: search@cs.indiana.edu

Computer
Indiana University is an Equal Opportunity/Affirmative Action Employer. The Computer Science Department strongly encourages applications from women and minorities.

**Clemson University**

**Computer Science**

**Faculty Positions**

The Department of Computer Science at Clemson University has multiple openings for tenure-track faculty positions at all levels as well as lecturers. Outstanding candidates in all areas of Computer Science are encouraged to apply. Current faculty interests include algorithms and theory, graphics & visualization, networking and systems, programming languages, and software engineering.

Applications for the tenure-track positions should have a Ph.D. in computer science or a related field. Applicants for the lecturer positions should hold an M.S. in computer science and should be committed to high quality undergraduate instruction.

The Department has 21 faculty members, about 600 undergraduate majors, and over 100 graduate students. In addition to B.A., B.S., M.S. and Ph.D. degrees in Computer Science, the department also offers inter-disciplinary degrees in E-Commerce and Fine Arts in Computing. Clemson University is the land-grant University of South Carolina and has an enrollment of approximately 17,000. The University is located in Clemson, South Carolina, a small college town on beautiful Lake Hartwell at the foothills of the Blue Ridge Mountains. The area offers numerous outdoor activities.

For additional details, please see www.cs.clemson.edu. Electronic applications (preferably in PDF), including names of three references, may be sent to search@cs.clemson.edu. If unattainable, hard copies may be mailed to Faculty Search Committee, Department of Computer Science, Clemson University, Clemson, SC 29634-0974. Applications will be accepted and screened periodically beginning September 1, 2001. The search will continue until the positions are filled.

Clemson University is an Affirmative Action/Equal Opportunity Employer.

**Air Force Institute of Technology (AFIT)**

**Faculty Positions Available**

**Computer Engineering and Computer Science**

The Department of Electrical and Computer Engineering, Graduate School of Engineering and Management, Air Force Institute of Technology (AFIT), Wright Patterson AFB OH, has several tenure track openings on the faculty with rank and salary determined by qualifications. Positions are open at the assistant professor level, although qualified candidates will be considered at the associate professor level. Applicants must have an earned doctorate in Computer Engineering, Computer Science, or a related field. Some areas of specialization to be covered are software engineering, artificial intelligence, database systems, computer security/information assurance, information visualization, and VLSI systems. These positions require teaching at the graduate level and carrying out research under the sponsorship of government agencies. This department has close working relationships with Air Force and Department of Defense research and development organizations. The department has excellent laboratory facilities, and computational facilities are of the highest caliber. Employment at AFIT is only open to U.S. citizens. Submit a complete resume and the names of three references to Dr. Gary B. Lamont, Search Committee Chairman, Department of Electrical and Computer Engineering, AFIT/ENG, 2950 P Street, Wright-Patterson AFB OH 45433. You may contact him at email address Gary.Lamont@afit.af.mil or (937) 255-3636, ext 4718, for additional information. The United States Air Force is an equal opportunity, affirmative action employer.

**Naval Postgraduate School**

**Chair**

**Computer Science Department**

The Computer Science Department of the U.S. Naval Postgraduate School seeks candidates for the position of Department Chair. Candidates should have an established research record and relevant management experience.

The CS Department has extensive research programs in software engineering, computer networking, virtual environments, simulation, computer and network security, and other areas. All students are graduates, pursuing either the Master's or PhD level degrees. Students are experienced military officers from all branches of the U.S. military as well as from many foreign countries. The Naval Postgraduate School is an Equal Opportunity Employer. Candidates are requested to send a vita electronically to Schi@cs.nps.navy.mil

**University of Maryland at College Park**

**Faculty Positions**

The University of Maryland, College Park, Department of Computer Science is seeking faculty members at all ranks. Truly outstanding candidates in all areas will be considered, but we are especially seeking candidates in the areas of:


Candidates with established research programs will be considered for tenure-track appointments between the Department and the Institute for Advanced Computer Studies, The Department of Electrical Engineering, and the Institute for Systems Research.

Candidates who are interested should send curriculum vitae, research summary, and the names of at least four references (3) emphasizing research and (1) emphasizing teaching to:

University of Maryland at College Park
Department of Computer Science
Attention: Faculty Recruiting Committee
College Park, Maryland 20742-3255

At the time they apply, candidates must request their references to send written recommendations. Failure to do so will delay the application process. We will begin the review of candidates to be interviewed in January and therefore encourage your early application.

Additional information about academic and research units within the Department Computer Science at the University of Maryland is available on our web site: http://www.cs.umd.edu

The University of Maryland is an Equal Opportunity, Affirmative Action Employer.

**Massachusetts Institute of Technology**

**Faculty Positions**

The Department of Electrical Engineering and Computer Science seeks candidates for faculty positions starting in September 2002. We anticipate openings for several faculty appointments for individuals who are completing, or who

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November 2001
have recently completed, a doctorate. In special cases, a senior faculty appointment may be possible. Faculty duties include teaching at both the graduate and undergraduate levels, research, and supervision of theses. We will consider candidates with backgrounds and interests in all areas of electrical engineering and computer science.

All candidates should write to the address below, describing their professional interests and their goals in both teaching and research. Each application should include a curriculum vitae and the names and addresses of three or more individuals who will provide letters of recommendation. Please arrange to have such letters sent directly to the address below. All candidates should indicate citizenship and, in the case of non-US citizens, describe their visa status. Please respond by January 15, 2002.

Send all applications to:
Prof. F.C. Hennie
Room 38-435
Massachusetts Institute of Technology
Cambridge, MA 02139
M.I.T. is an equal opportunity/affirmative action employer.

UNIVERSITY OF CALIFORNIA, IRVINE

The Department of Information and Computer Science at the University of California Irvine (UCI) http://www.ics.uci.edu/ has several tenure-track or tenured positions in the following research areas
A. Human Computer Interaction
B. Software Development
C. Informatics in Biology and Medicine
D. Cryptography
E. Networked Embedded Systems
F. Ubiquitous Computing

Positions are at the rank of assistant professor, but exceptional candidates at all ranks will be considered. ICS expects to grow substantially over the next decade and will be recruiting new faculty each year. Thus, outstanding candidates in other research areas are encouraged to contact us.

UCI is targeted as a growth campus for the University of California. It is the youngest of the existing UC campuses, yet ranked 10th among public universities. The Department of Information and Computer Science (ICS) was founded in 1968 in recognition of the emerging importance of computing. ICS is one of nine academic units at UC Irvine; as a freestanding department, it functions as a school. With more than 40 faculty members, 1,400 undergraduates and 200 graduate students, ICS is the largest computing program within the University of California system as well as the fastest-growing major at UC Irvine.

ICS’s mission is to lead the innovation of new information and computing technology and study its economic, commercial, and social significance while producing an educated workforce to serve as an economic engine for the advancement of technology. ICS has excellent faculty, innovative programs, high quality students and outstanding graduates as well as strong relationships with high tech industry. For a more detailed description of ICS and UC Irvine, see http://www.uci.edu and http://www.ics.uci.edu

Electronic applications and instructions (highly preferred) can be found at:
http://www.ics.uci.edu/about/jobs

For those submitting paper applications, a cover letter indicating the area (A-F) of primary research, a CV, three recent publications and letters from three to five references should be sent to:
Department of Information and Computer Science
University of California, Irvine
Irvine, CA 92697-3425
Attention: Peggy Munhall

The University of California, Irvine, is an Equal Opportunity Employer, committed to excellence through diversity.

UNIVERSITY OF CALIFORNIA AT SANTA CRUZ
Computer Science Department

The Computer Science Department of the University of California, Santa Cruz (UCSC) invites applications for six tenure or tenure track faculty positions for the 2002-2003 academic year. We seek outstanding candidates in mainstream Computer Science, and particularly welcome those with research interests in database systems, software engineering and computer systems.

The Computer Science Department at UCSC is part of the Baskin School of Engineering, which is entering an exciting phase of expansion aimed at areas that will be of great demand in the next decade (see http://www.soesc.ucsc.edu/). Research and instruction are supported by excellent computing facilities and state-of-the-art laboratories. UCSC is close to “Silicon Valley” and has strong ties with many of the high technology companies in the area. Faculty salaries are competitive and opportunities for consulting are extensive.

Applicants should arrange to have three letters of recommendation sent directly to:
Chair, Computer Science Search Committee
Baskin School of Engineering
1156 High Street
University of California
Santa Cruz, CA 95064
Please submit a curriculum vitae; a statement of research interests and plans; a statement of teaching interests; contact information for the references; and copies or URLs of selected reprints to the above address. Applicants should indicate whether they are applying for an (untended) Assistant Professor, a (tenured) Associate Professor, or a (full) Professor position. Screening will begin with applications received by January 7, 2002, subject to budgetary approval, and continue until the positions are filled.

Refer to http://www.soec.ucsc.edu/events/jobs/ for information on electronic submission of applications, or fax to 831-459-4829. For further details about the School of Engineering at UCSC, see http://www.soesc.ucsc.edu/.

UCSC is an EEO/AA/IRCA Employer

EASTERN MICHIGAN UNIVERSITY
Computer Science Faculty Positions

Eastern Michigan University’s Department of Computer Science (http://www.emich.edu/compsci) invites applications for two tenure-track positions at the assistant or associate professor ranks to begin Fall 2002. All areas of expertise will be considered.

Doctorate in computer science or equivalent by time of appointment required. Application deadline is January 15, 2002 or until positions are filled. Founded in 1849, Eastern Michigan University is located in Ypsilanti, six miles from Ann Arbor, and 30 miles from Detroit. This region affords excellent opportunities for research and collaboration. The university enrolls 24,000 students, of which 5,500 are graduate students. Computer Science has 19 tenure-track faculty positions, 350 undergraduate majors, and 150 M.S. students. The Department of Computer Science encourages research yet considers teaching to be its top priority. The typical teaching assignment is three courses per semester, with class size limited to 25 to 35 students. Some courses are held during the evening. Candidates should submit vita, transcripts, a copy of a recent paper, and addresses (including email) of three references. Include the posting number F0203/F0204 in the cover letter and in the address. Send materials to: Posting #F0203/F0204, Eastern Michigan University, 202 Boone Hall, Ypsilanti, MI 48197. We encourage women and members of minority groups to apply. EMU is an affirmative action/equal opportunity employer.

UNIVERSITY OF NORTH CAROLINA AT WILMINGTON
Department of Computer Science

Applications are invited for a tenure-track position as Assistant or Associate Professor to begin August 2002. All areas will be considered, but we are especially interested in software engineering, human-computer interaction, graphics and visualization, or Web technologies. Full details are online at www.uncwil.edu/csc. Priority consideration will be given to applications received by January 7, 2002, however applications will be accepted until position is filled. UNCW is an EEO/AA employer. Women and
minorities are encouraged to apply

STATE UNIVERSITY OF NEW YORK
AT BINGHAMTON

State University of New York at Binghamton, Department of Electrical and Computer Engineering invites applications for three tenured or tenure-track positions. Appointments are open at all ranks and are commensurate with experience.

Candidates with expertise in one or more of the following areas are sought: all areas of computer hardware and computer systems, DSP or communication systems, electro-optics, electronics packaging, and electromagnetics and remote sensing. Outstanding candidates in other areas of electrical and computer engineering will be considered.

The department is particularly interested in senior faculty who can play a significant role in our newly created computer engineering program.

Qualifications include an earned Ph.D. in electrical engineering, computer engineering, computer science or other closely related field, excellent communication skills, and a strong commitment to teaching and research. Successful candidates are expected to participate in teaching at the undergraduate and graduate levels and to establish and maintain an active research program.

The department offers undergraduate and graduate programs in electrical engineering and computer engineering. The department is in a period of growth, which offers unique opportunities for personal and professional development. For information on the department see: http://www.ee.binghamton.edu.

Applications should be complete vitae, including three references and a brief statement of teaching and research interests to Prof. Richard Plumb, Chair, Department of Electrical and Computer Engineering, State University of New York at Binghamton, Binghamton, NY 13902-6000. Binghamton University is an equal opportunity/affirmative action employer.

THE UNIVERSITY OF OKLAHOMA
School of Computer Science

The School of Computer Science at the University of Oklahoma seeks to fill a faculty position. Candidates must have demonstrated expertise in formal methods related to software development, with a special interest in the use of such methods in practice and with significant, related research accomplishments. Research involving polymorphic, statically typed, declarative programming languages is especially welcome. Applicants must hold a doctorate in computer science or a closely related discipline. The School of Computer Science offers bachelor, masters and doctoral degrees. About 350 students are enrolled in the undergraduate computer science program, which is CSAB accredited. The School has about 100 graduate students. Faculty research interests include functional programming, database systems, software engineering, fault tolerance and testing, embedded systems, intelligent systems, telecommunication networks, parallel and distributed computing, large scale scientific computing, graph theory and combinatorial optimization, and theoretical computer science. Norman is a community of about 90,000 people in the Oklahoma City metropolitan area, which, taken altogether, has about a million residents. Norman offers award-winning schools, an inexpensive cost of living, and the rich intellectual life of a university town.

Applications with a list of 5 references must be submitted to:

Rex Page, Chair, Faculty Search Committee
School of Computer Science
The University of Oklahoma
200 Felgar Street, Room 144
Norman, OK 73019-6151
Tel: (405) 325-5408
Fax: (405) 325-4044
E-mail: page@ou.edu

Screening will begin on November 1, 2001. Applications will be accepted until the position is filled. The University is an equal opportunity/affirmative action employer. Women and minorities are especially encouraged to apply.

UNIVERSITY OF MARYLAND
Institute for Advanced Computer Studies (UMIACS) College Park Faculty Positions in Computer Vision and Graphics Center for Automation Research

The University of Maryland Institute for Advanced Computer Studies (UMIACS) invites applications for multiple tenured and tenure-track faculty positions at the Center for Automation Research (CIAR). CIAR is an interdisciplinary research center that has a broad set of leading research programs in computer vision and graphics, and includes a number of laboratories, most notably the Computer Vision Laboratory, the Keck Laboratory for the Modeling of Visual Movement, the Media Processing Laboratory, and the Computer Graphics and Visual Informatics Laboratory. More information about CIAR and UMIACS can be found at http://www.umiacs.umd.edu.

Candidates in any area related to computer vision, graphics, virtual reality, or robotics will be considered. The appointments will be joint either with the Department of Computer Science or the Department of Electrical and Computer Engineering at the University of Maryland. All the new faculty will have access to significant high-end computing infrastructure through UMIACS. To apply, send a letter of application, curriculum vitae, URL for additional information, and names and addresses of at least three references to:

Janice Perrone
Center for Automation Research
4413 A.V. Williams Bldg.
115 Paint Branch Drive
University of Maryland
College Park, MD 20742-3275

The University of Maryland is an affirmative action/equal opportunity employer. Women and minorities are encouraged to apply. Applications will be accepted until the positions are filled.

BRIGHAM YOUNG UNIVERSITY
Faculty Positions in Computing & Software Systems

Applications are invited for tenure-track faculty positions. Applicants must have a Ph.D. and a strong research orientation to support the Ph.D. and M.S. programs. For more information, see http://www.cs.byu.edu. Send curriculum vita to E. Daniel Johnson, 3362 TMCB, BYU, Provo, UT, 84602. BYU is an EEO/AA employer with preference for LDS candidates.

UNIVERSITY OF WASHINGTON, TACOMA
Faculty Positions in Computing & Software Systems

The Computing and Software Systems Program (CSS) of the University of Washington, Tacoma is seeking to fill tenure-track positions at the levels of Assistant Professor, Associate Professor, and Professor. The Institute of Technology just established by the State of Washington and supported by public and private funds is the driving force behind the current expansion in the CSS Program. We anticipate adding an M.S. program in the fall of 2002.

While our priority is for tenured and tenure-track appointments, we will consider candidates for appointment at the non-tenure-track levels of Lecturer or Senior Lecturer. Requirements for the tenure-track positions include a Ph.D. in Computer Science or a closely related discipline. Requirements for non-tenure-track positions include at least an M.S. in Computer Science or a closely related discipline. All appointments require a commitment to quality teaching. Tenure track positions also require continuing research. Associated Professor and Professor candidates must have a record of published research in computing. Non-tenure-track appointments are renewable.

Our recruiting emphasis is on software engineering, systems, networks, database systems, and enterprise applications, but we will consider strong candidates in all areas of computing. Experience with successful innovative distance education is desirable for at least one position.

The Tacoma campus of the University of Washington, in its eleventh year of operation, is located thirty-five miles south of Seattle in Tacoma’s historic warehouse district. Faculty and students at the University of Washington, Tacoma,
while working within a smaller distinctive institution experiencing rapid growth, benefit as well from the many resources of the Seattle and Bothell campuses of the University of Washington. The CSS program has close ties to the UW-Seattle Department of Computer Science & Engineering.

Candidates are invited to submit their applications electronically to Trish Fiacchi, Finance and Administration, at: tfiacchi@u.washington.edu

Applications should include a curriculum vitae, evidence/discussion of teaching experience/effectiveness and research interests, and three names of references. Applications may also be submitted by mail to:

University of Washington, Tacoma Finance and Administration Computing and Software Systems
Faculty Search
Box 358431
1900 Commerce Street
Tacoma, WA 98402-3100

Screening of credentials will begin September 15th and all positions will remain open until filled. Salary is competitive and will be commensurate with experience and qualifications.

Inquiries can be sent to: lcrum@u.washington.edu

COLLEGE OF THE HOLY CROSS
Worcester, MA

Holy Cross, a selective undergraduate Catholic Jesuit liberal arts college, invites applications for a tenure track position in computer science starting August 2002. The Department of Mathematics and Computer Science seeks candidates committed to both teaching and research to help build our small but growing program in computer science. Rank is open and all research specialties will be considered. Applicants for an assistant professor position must hold or be completing a Ph.D. in computer science or a closely related field. Salary and benefits are competitive; generous sabbatical and junior leave programs are available.

Holy Cross is an equal opportunity employer with a strong commitment to nurturing a culturally diverse faculty and student body. Women and persons of color are encouraged to apply. Complete applications will include a resume or CV, a teaching statement, undergraduate and graduate transcripts, and three letters of recommendation, at least one of which addresses teaching. These materials should be sent to:

Thomas E. Cecil, Chair
Department of Mathematics and Computer Science
College of the Holy Cross
Worcester, MA 01610
email: cecil@mathcs.holycross.edu

To ensure full consideration, applications should be received by December 15, 2001. Additional information on the college, the department, and this position available at:
http://mathcs.holycross.edu/csposition

THE UNIVERSITY OF TEXAS
AT SAN ANTONIO
Faculty Positions in Computer Science

Applications are invited for four tenure/tenure-track positions in the Department of Computer Science pending budget approval. Potential candidates at all levels will be considered, however, applicants must indicate in their applications the level(s) (Assistant, Associate, or Full) for which they are applying.

All areas of computer science will be considered. Responsibilities for all positions include research, graduate and undergraduate teaching, and direction of M.S. and Ph.D. graduate students. Courses at UTSA are offered either at the Main Campus or at the Downtown Campus located 20 minutes away.

Required qualifications: Applicants for an Assistant Professor position must have earned a Ph.D. prior to September 1, 2002, in computer science or in a related area and must demonstrate a strong potential for excellence in research and teaching.

Required qualifications: Applicants for an Associate Professor position are required to have a Ph.D. in computer science or related area and should have an established research program in their area of specialization. Senior applicants also must have previous academic experience.

Required qualifications: Applicants for a Full Professor position are required to have a Ph.D. in computer science or related area and should have an established research program in their area of specialization. Senior applicants also must have previous academic experience.

The Department of Computer Science offers the B.S., M.S., and Ph.D. degrees. The research activities and experimental facilities have been well-supported by various Federal research and infrastructure grants. (See http://www.cs.utsa.edu for additional information on the Department of Computer Science and its faculty.)

The University is the largest public university in south Texas serving over 19,000 students. The city of San Antonio has a population of over one million and is known for its rich Hispanic culture, historic attractions, affordable housing, and excellent medical facilities. The University is conveniently located on the edge of the city. Nearby higher education and research institutions include UT Health Science Center and Southwest Research Institute. San Antonio anchors the southern end of the San Antonio-Austin corridor. Seventy-five miles to the north is the Austin-Dallas-Houston triangle, the silicon valley of the South.

Salary and start-up supporting packages for the positions are competitive. Applicants must submit a letter of application, curriculum vitae, statement of research interests, and the names, addresses (postal and e-mail), and telephone numbers of at least three references. Applicants who are not U.S. citizens must state their current Visa and residency status. Applications may be faxed, emailed, or mailed to:

Chair of Faculty Search Committee
Department of Computer Science
The University of Texas at San Antonio
6900 North Loop 1604 West
San Antonio, TX 78249-0667
search@cs.utsa.edu

Screening will begin January 10, 2002 and continue until the positions are filled. The University of Texas at San Antonio is an Affirmative Action/Equal Employment Opportunity Employer. Women and minorities are encouraged to apply.

UNIVERSITY AT BUFFALO
THE STATE UNIVERSITY OF NEW YORK
Faculty Positions in Computer Science and Engineering

The Department of Computer Science and Engineering (CSE) has faculty openings at all levels. Candidates in all areas of CSE will be considered, but we especially solicit applicants in the systems and applied areas, including high-performance computing, multimedia, databases, networks, and VLSI.

CSE faculty are affiliated with the Center for Computational Research, a leading academic supercomputing center in the U.S., the Center of Excellence in Document Analysis and Recognition, the National Center for Geographic Information and Analysis, and Center for Cognitive Science. The faculty include AAAI, ACM, and IEEE Fellows as well as NSF Career and ITR awardees. The average annual research expenditure over the past three years has been approximately $4.5 million.

Junior candidates are expected to have a Ph.D. in Computer Science/Engineering or related field by September 2002, and must demonstrate evidence of potential for publishing and developing a successful funded research program. Senior candidates are expected to have an excellent record of publication and funded research as well as international stature and recognition commensurate with rank.

All applications should include a cover letter, curriculum vitae, and the names of at least three references (applicants for senior positions should have five references). In addition, all applicants should have letters of reference sent by the due date. Address applications to:
Chair, Faculty Search Committee, Department of Computer Science and Engineering, 201 Bell Hall, University at Buffalo, Buffalo, NY 14260-2000. Email: cse-search@cse.buffalo.edu. Due date for applications and letters of reference: January 4, 2002.

The University at Buffalo is New York's largest and most comprehensive public university. As the second largest city in New York state, Buffalo is the hub of a metropolitan area with a population over 1.1 million. University life is enriched by scenic, recreational, and cultural opportunities in the city, suburbs, and the neighboring Niagara and Metro Toronto regions. For more information, please visit our website, http://www.cse.buffalo.edu.

The University at Buffalo is an Equal Opportunity Employer/Recruiter.

DARTMOUTH COLLEGE

The Department of Computer Science anticipates hiring one or more Assistant Professors of Computer Science. We are particularly interested in candidates in the areas of algorithms, graphics, security, and databases.


Persons interested should submit a curriculum vitae and a list of at least four references, at least one of whom can comment on teaching. Review of the applications will begin immediately and will continue until the search is complete. Please send application materials and general inquiries to Delia Mauceli, Computer Science Recruiting, Department of Computer Science, Dartmouth College, 6211 Sudikoff Laboratory, Hanover, NH 03755-3510. Specific questions can be referred to David Nicol, at the same address or at the following email address nicol@cs.dartmouth.edu. Dartmouth is an equal opportunity/affirmative action employer and encourages applications from women and members of minority groups.

DUKE UNIVERSITY

Department of Computer Science
Experimental Systems
Faculty Position

We invite applications and nominations for a tenure-track or tenured faculty position at any rank in the Department of Computer Science at Duke University, to start September 2002. Preference will be given to applicants in the various areas of experimental systems and architecture.

We continue to build upon an already strong, highly collaborative group in experimental systems. We are broadly interested in all areas of experimental systems, including high-speed networking, Internet environments and services, mobile and wireless computing, databases and large-scale storage, computer architecture, parallel and distributed systems, compilers and programming languages, and operating systems.

This faculty hire will be in a position to help guide and influence the continued expansion of our vibrant and growing Computer Science Department. For more information about the faculty, facilities and other resources, please refer to www.cs.duke.edu.

Applications should be submitted in hard copy or via email with PDF attachments. Applications will include a curriculum vitae, publications, and copies of the most important publications. A Ph.D. in computer science or related area is required. Applicants should arrange for at least four letters of reference to be sent directly to the Faculty Search Chair. To guarantee full consideration, applications and letters of reference should be received no later than January 15, 2002.

Send all information to:
Faculty Search Chair
Department of Computer Science
Duke University
Durham, NC 27708-0129
dfasearch@cs.duke.edu

Duke University is an affirmative action, equal opportunity employer.

UNIVERSITY OF CONNECTICUT

Computer Engineering
Faculty Search

Electrical & Computer Engineering Department

The Department of Electrical & Computer Engineering (ECE) at the University of Connecticut invites nominations and applications to fill two tenure track faculty positions in our vibrant Engineering at the assistant or associate professor level. Candidates with research interests in computer architecture, hardware-software co-design, computer networks, digital system design and testing, real-time and embedded systems, and fault tolerant and re-configurable computing are sought. Necessary qualifications include an earned doctorate in Electrical Engineering or Computer Engineering, a strong commitment to effective teaching including laboratory development, outstanding scholarly research and development, and potential to attract external funding for research. Applicants with exceptional credentials may be considered for named endowed professorship with an endowment of $300,000.

The ECE Department is staffed with 17 faculty members, and has full-time enrollments of 110 undergraduates and 90 graduate students. The faculty is internationally renowned with 6 IEEE Fellows, two Editors-in-Chief of IEEE Transactions, and more than 10 other Editorial positions. Departmental research activities attract over $4 million in annual funding, are broad in nature, and encompass biomedical engineering, computer engineering, communications, digital signal and image processing, control and estimation theory, manufacturing, microelectronics, optoelectronics, photonics, and systems engineering. In the past three years, the Department has graduated an average of 12 Ph.D. students per year.

The Department has extensive, well-equipped labs for graduate and undergraduate teaching and research including a state of the art VLSI design laboratory and a class 100 clean room. It maintains strong ties to interdisciplinary research centers for Material Science, Photonics, Computer Applications, Electrical Insulation, and Transportation, which provide facilities and services for faculty and graduate student research and extensive interaction with industry. The School of Engineering is ranked 26th among public universities in research expenditures and has recently established 17 new endowed chairs/named professorships. Several are available to the ECE Department. In addition, the University has approved construction of a new, 100,000 sq. ft. Information Technology building to be completed in December 2002 to house the ECE and CSE departments. This construction is part of UConn 2000, an ongoing $1 billion infrastructure initiative. The University is located in Eastern Connecticut with convenient access to major airports and the metropolitan areas of Hartford, Boston, and New York.

Send application or nomination letter, resume, and the names of three references to: Dr. John Enderle, Chair of ECE Computer Engineering Faculty Search Committee, ECE Department, University of Connecticut, 260 Glenbrook Road, Unit 2157, Storrs, CT 06269-2157. Phone: 860-486-5521, Fax: 860-486-2447, email: jenderle@bme.uconn.edu. URL: http://www.ee.uconn.edu.

The review of applications will proceed on their arrival. The expected starting date is August 2002 or as soon as possible. The search will continue until the positions are filled. The University of Connecticut is an Equal Opportunity Affirmative Action Employer.

SWARTHMORE COLLEGE

Computer Science Program

Swarthmore, PA 19081

Applications are invited for a tenure-track position and a two-year leave replacement position at the Assistant Professor rank to begin in August 2002. Swarthmore College is a small, selective, liberal arts college located in a suburb 10 miles outside of Philadelphia. The computer science program offers majors and minors in computer science at the undergraduate level. We have a CS laboratory of Sun workstations, a robot/operating systems lab, and access to a campus network of Macintoshes and PCs. Both a Sun and Mac or PC will be provided in the office of the successful applicant. Applicants should have some teaching experience and be comfortable teaching a wide range of courses at the introduc-
102

NORTHEASTERN UNIVERSITY

Applications are invited for three tenure-track faculty positions starting September 1, 2002 in the Department of Electrical and Computer Engineering of the Robert R. McCormick School of Engineering and Applied Science at Northeastern University. While outstanding candidates in all areas of electrical and computer engineering will be considered, we have particular needs in the areas of networks and communications, computer architecture, and VLSI design and CAD. The candidates must have a Ph.D. or equivalent in Electrical and Computer Engineering or Computer Science, and will be expected to teach three to four quarter courses per year, perform research, and supervise graduate students. We are primarily looking for candidates at the Assistant Professor level; however, outstanding candidates at the Associate and Full Professor levels will also be considered. The ECE department has 30 full-time faculty members, 250 undergraduate and 170 graduate students, and many state-of-the-art laboratory facilities. The department offers B.S., M.S., and Ph.D. degrees in both Electrical Engineering and Computer Engineering. For more information about the department, please check: http://www.ece.northwestern.edu.

Northwestern University is an Affirmative Action/Equal Opportunity Employer. Applications from women and minorities are especially encouraged. Hiring is contingent upon eligibility to work in the United States. The deadline for applications is February 1, 2002; however, the search will continue until the positions are filled. Women and minorities are encouraged to apply. The University of Miami is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF MIAMI

Department of Computer Science

The Department of Computer Science at the University of Miami seeks to hire new tenure-track faculty. At least one appointment is envisioned at the rank of Assistant Professor, and at least one at the rank of Associate Professor. Candidates must hold a doctorate in computer science or a related field, and must demonstrate strong potential for excellence in research and teaching. Rank and salary are commensurate with qualifications.

The Department of Computer Science is a newly established department, recently separated from the combined Department of Mathematics and Computer Science. The successful candidate will show the desire to shape the future of this budding department. The University of Miami is a Group I research university as well as a member of the next-generation Internet (Internet2) project. For more information on the department and the university, please visit our web site at www.cs.miami.edu.

Candidates should send a letter of application, curriculum vitae, research statement, teaching statement, and the names of three references to: Professor Abraham H. Haddad, Department Chair Faculty Search Committee Department of Computer Science University of Miami P.O. Box 248154 Coral Gables, FL 33124-4245 or via email to cssearch@miami.edu

Please include in your letter of application a URL containing supporting material, such as online publications. Electronic submissions are strongly encouraged. Review of applications will begin immediately and continue until positions are filled. Women and minorities are encouraged to apply. The University of Miami is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF VIRGINIA

Department of Systems and Information Engineering

The Department of Systems and Information Engineering at the University of Virginia invites applications for one or more faculty positions. We will consider applications at all ranks. Interest and experience in knowledge discovery and data mining, information visualization, or computational statistics are especially desirable. We are particularly interested in people who have shown applications expertise in health care and bioinformatics or who work in areas of current departmental activity, such as, defense and law enforcement, financial engineering, risk analysis, data networks, manufacturing, and transportation. Candidates must be U.S. citizens or permanent residents with an earned doctorate in engineering, preferably systems engineering. The successful candidate will be expected to teach and advise undergraduate and graduate students in the Department and the School of Engineering and Applied Science, to participate in routine administration, and to develop a quality research program in systems engineering. Send a complete vita, publications list, research summary, and the names, addresses, and telephone numbers of four references to Faculty Search Committee, Department of Systems and Information Engineering, P.O. Box 400747, University of Virginia, Charlottesville, VA 22904-4747; phone (434) 924-3193; e-mail milenkov@virginia.edu. The University of Virginia is an equal opportunity, affirmative action employer.

UNIVERSITY OF CALIFORNIA, LOS ANGELES

Department of Computer Science

The Department of Computer Science in the Henry Samueli School of Engineering and Applied Science at the University of California Los Angeles, invites applications for tenure-track positions in all areas of Computer Science and Computer Engineering. Applications are also strongly encouraged from distinguished candidates at senior levels. The UCLA Campus administration is committed to significant growth in the faculty of Computer Science Department, with a projection of 3-4 new faculty members per year for the next five years. Quality is our key criterion for applicant selection. Applicants should have a strong commitment to both research and teaching and an outstanding record of research for their level. We seek applicants in any mainstream area of Computer Science and Computer Engineering, but we particularly wel-
come those with a strength in systems, compilers, theory, and in interdisciplinary areas such as bioinformatics and electronic commerce.

Interested applicants should e-mail their CV and cover letter addressed to Professor Milos Ercegovac, Chair, in two separate PDF files to chair@cs.ucla.edu. Please indicate field of interest. A list of four references with complete addresses, telephone numbers, and e-mail addresses should also be submitted in a text file.

The University of California is an Equal Opportunity/Affirmative Action Employer.

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SAN DIEGO STATE UNIVERSITY
Endowed Pine Professorship in Computer Engineering

The Department of Electrical and Computer Engineering at San Diego State University invites nominations and applications for the endowed Thomas G. Pine Professorship in Computer Engineering. This person has the responsibilities to: provide leadership in developing the computer engineering curriculum, including the development of an MS program in Computer Engineering; provide leadership in stimulating research activities in computer engineering; contribute to both undergraduate and graduate instruction; and establish strong relationships with local industry and alumni. Qualifications include an earned doctorate in Computer Engineering or a related area; significant academic and professional experience in computer engineering; broad familiarity with current computer engineering research and practice, both hardware and software; a strong record of extramural research funding; experience working with industry and the professional community; and excellent verbal, written and interpersonal skills. The department offers the BS and MS degrees in Electrical Engineering and a BS degree in Computer Engineering. The BSEE and MSEE programs are growing rapidly. San Diego is home to several wireless industry leaders and offers exceptional opportunities for industrial collaboration in the areas of computers, communication, electronics, and biotechnology. Additional information may be obtained at http://engineering.sdsu.edu/electrical/. Applicants should send a detailed resume, three representative journal publications and complete contact information for three references to: Pine Professorship Search Committee, Department of Electrical and Computer Engineering, San Diego State University, 5500 Campanile Drive, San Diego, CA 92182-1309. Review of the applications will begin on December 15, 2001. The position will remain open until the position is filled. SDSU is an Equal Opportunity Institution.

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THE UNIVERSITY OF TEXAS
AT TYLER

The Department of Electrical Engineering invites applications for a tenure-track faculty position at the level of assistant or associate professor. An earned doctorate in Electrical or Computer Engineering or closely related field, demonstrated English communication skills, and commitment to excellence in teaching, research, scholarship and service are required. Industrial experience is desirable, as is a teaching and research background in communication systems or computer engineering. UT Tyler is a component of The University of Texas System and is located in the beautiful East Texas lake country on the I-20 corridor, about 90 miles east of Dallas, 200 miles north of Houston, and 225 miles northeast of Austin. Tyler was ranked by the Milken Institute in 1999 as the 2nd fastest growing high-tech metropolitan area in Texas and the 14th fastest growing high-tech city in the nation. Information about the university, college, and department, as well as the city of Tyler may be found at www.uttyler.edu. Send a letter of application, vita, and names and contact information of three references to: Hassan El-Kishky, EE Search Committee Chair, College of Engineering and Computer Science, UT Tyler, 3900 University Blvd., Tyler, TX 75799. The University of Texas at Tyler is an EEO/AA employer. Women and minorities are strongly encouraged to apply. The applicant selected to fill the position must be able to present documentation of the right to work in the United States.

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UNIVERSITY OF MISSOURI-ST. LOUIS

The Department of Mathematics and Computer Science invites applications for tenure-track assistant professorships and visiting positions in Computer Science, to begin Fall 2002. Duties include research and teaching. Applicants from all areas of computer science are encouraged to apply. Candidate must have a Ph.D. and show strong research potential and teaching skills. Currently, the department offers undergraduate and Master’s degrees in Mathematics and Computer Science and a Ph.D. in Applied Mathematics. Please forward your vita to Ray Balbes, Chair, Department of Mathematics and Computer Science 8001 Natural Bridge Road St. Louis, MO 63121-4499.

The University of Missouri is an Affirmative Action/Equal Opportunity Employer committed to excellence through diversity. For more information please visit our web site http://www.cs.umsl.edu.

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SYSTEMS ANALYST

Systems Analyst needed to direct related developments for e-commerce web applications. Bachelor’s Degree in Computer Engineering & two years experience required. Send resume to: HR Dept., TODO1 Services, Inc. 7600 NW 19 Street, Suite 600, Miami, FL 33126.

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MILLSAPS COLLEGE
Department of Computer Science

Applications are invited for a tenure-track position in Computer Science at the rank of Assistant or Associate Professor beginning Fall 2002. Applicants should have a Ph.D. in Computer Science, or expect to receive it by Fall 2002. Prior teaching experience is desirable, and applicants should be able to teach a wide range of courses in the major. Preference will be given to applicants who can teach courses in Operating Systems, Networking, Web technologies or related fields. A strong interest in guiding undergraduate research is extremely desirable.

Applicants should send a cover letter, accompanied by a resume, statement of teaching philosophy, a description of their research, representative publications, graduate transcripts, and at least three letters of reference. Review of applications will begin on January 14, 2002 and will continue until the position is filled. Materials should be sent to: Dr. Donald Schwartz, Chair Search Committee, Department of Computer Science Millsaps College P.O. Box 150432 Jackson, MS 39210

The Department of Computer Science has five faculty members and offers an innovative curriculum to approximately 60 majors. The atmosphere is collegial and class sizes are small. Computing facilities are modern and varied, with Windows and UNIX systems available for both teaching and research. Extensive research in software, networking and multimedia facilities are available. The department attracts talented, motivated students: its programming teams regularly place among the top 10 undergraduate teams of the ACM Southeast Regional programming contest, including first and third place in recent years. Student research is strongly encouraged, as is student publication in statewide and regional conferences. Faculty excellence in both teaching and research is supported. More information on the department is available at www.millsaps.edu/www/computer.

The only national liberal arts college in Mississippi, Millsaps has consistently been ranked a “Best Buy” among national liberal arts colleges by U.S. News & World Report. It is the only institution in Mississippi with a Phi Beta Kappa chapter, and is the only institution in Mississippi ever to be listed in The Fiske Guide to Colleges. More information can be found at www.millsaps.edu. Millsaps is located in Jackson, the capital of the

November 2001
The Jackson area has a population of around 400,000 and offers low cost-of-living, excellent schools, pleasant climate, and many recreational opportunities. Millsaps College is an equal-opportunity, affirmative action employer.

SOFTWARE ENGINEER/ APPLICATIONS

Iowa company seeks Software Engineer/Applications to design & develop software applications in support of company’s proprietary In Vehicle Information Systems (IVIS) technology. Bachelor degree in Computer Science required. Submit resume to Mr. Russell Curry, 2475 Coral Court, Coralville, Iowa 52241.

MIDWESTERN STATE UNIVERSITY

The Computer Science Program invites applications for a full-time tenure track Assistant or Associate Professor position to begin September 2002. Candidates must have a Ph.D. degree in Computer Science by the date of appointment and must show exceptional potential in teaching and research. MSU has approximately 6,000 students and offers BS, BA and MS degrees in Computer Science. Additional information can be found on Faculty Search Committee Computer Science Program Midwestern State University 3410 Taft Blvd. Wichita Falls, TX 76308-209

WASHINGTON UNIVERSITY IN SAINT LOUIS

Department of Computer Science Faculty Positions Available www.cs.wustl.edu

Applications are invited for tenure-track faculty positions at the Assistant, Associate and Full Professor levels. Applicants should hold a doctorate in Computer Science or a closely related field, have a record of accomplishment in research, and demonstrate a strong commitment to teaching.

Building upon the impressive recruiting successes of the last three years that included ten new tenure-track faculty, the Department plans to fill several additional faculty positions. The Department continues to seek outstanding candidates likely to develop synergistic relationships with existing areas of research excellence. Academic couples seeking to co-locate are strongly encouraged to apply. Research groups in search of a highly supportive institutional environment may also want to consider relocating to Washington University. With the strong backing of the University and the School of Engineering and Applied Science, the Department is committed to making significant investments in promoting new areas of study and to providing the kind of resources and environment that will enable new faculty members to flourish intellectually. Candidates with a strong background in networking (including wireless communication and security), software systems (particularly embedded systems, mobile computing and database), computer engineering, theory, multimedia communications, human interfaces, and computational science will receive special consideration.

The Department enjoys a great research reputation and impressive levels of research activity (e.g., annual research expenditures recently reached a record high of $450,000 per faculty member. Research areas which are well represented in the Department include: networking and communications; distributed software systems; graphics and computer vision; artificial intelligence; computer and system architecture; and computational biology. Our doctoral graduates have been heading for successful careers in academia and industrial research centers while noteworthy entrepreneurial endeavors spearheaded by our faculty and graduates (with the full support of the University) attest to a highly respected technology transfer tradition and culture. Strict limits on University undergraduate enrollments combined with the increasing popularity of Washington University allows the Department to continue to offer small classes and close personal attention to a diverse student body of exceptional quality and to benefit from strong participation by undergraduates on a wide range of research projects. A faculty known for its friendly, accepting and supportive nature provides a welcoming and mentoring environment for new arrivals. Finally, progressive fiscal policies that reward research, teaching, and innovation by the Department have created an environment rich in resources that fosters a readiness to invest in promising new initiatives.

Washington University is a leading private national university recognized for its world-class intellectual contributions (20 Nobel Prize Laureates have been associated with the University), its exceptional resources (an endowment among the largest in the nation), its ambitious investments in physical facilities, and its commitment to research excellence. The University is located in the midst of a delightful residential community that places much value on education and culture and is very popular with both faculty and students.

Qualified applicants should submit a complete application (cover letter, curriculum vita, research statement, teaching statement, and three letters of reference). Electronic submissions (recruiting@cs.wustl.edu) are preferred. All other communications should be directed to Dr. Catalin Roman, Chairman, Department of Computer Science, Campus Box 1045, Washington University, One Brookings Drive, St. Louis, MO 63130-4899.

Applications will be considered as they are received. Those arriving after February 1, 2002, may not be given full consideration. Washington University is an equal opportunity/affirmative action employer.

BOSTON UNIVERSITY

The Department of Electrical and Computer Engineering (ECE) at Boston University anticipates several openings for faculty positions at all ranks in the following areas: computer engineering, networks, and signal and image processing.

Qualified candidates must have an earned Ph.D. degree in a relevant discipline. Faculty are expected to develop a program of funded research in their area of expertise. The Department has 40 faculty members, approximately 170 graduate students and 430 BS majors. Excellent opportunities exist for collaboration with colleagues in outstanding research centers at Boston University, at other universities/colleges, and with industry throughout the Boston area. For additional information on the College of Engineering and ECE Department visit the College's homepage at http://www. bu.edu/eng/.

Applicants should send their curriculum vita to: Professor Bahaa E. A. Saleh, Chair, Department of Electrical and Computer Engineering, Boston University, 8 Saint Mary’s Street, Boston, MA 02215. Boston University is an Equal Opportunity/Affirmative Action Employer.

LOUISIANA STATE UNIVERSITY

Department of Electrical and Computer Engineering Assistant Professor (one or more positions)

The Department of Electrical and Computer Engineering at LSU invites applications for tenure-track or visiting positions at the Assistant Professor level available January 2002. Areas of interest are the following: 1) electronics, including semiconductor processing, device physics, MEMS, intelligent sensors, and actuator design and fabrication; 2) systems, including communications, signal processing, and automatic control; 3) power, including distributions systems, motor drives, and power electronics; 4) information technology, including systems software, networking, and computer architecture. Required Qualifications: Ph.D. or equivalent degree in electrical or computer engineering or related field; potential for excellence in teaching and research. Completion of all Ph.D. requirements is required before employment begins. The positions involve teaching graduate and undergraduate courses in electrical or computer engineering and research in areas of individual interest. Salary is competitive and commensurate with qualifications and experience. Release time and resources are provided...
in order to enhance the development of a quality research program. Opportunities for summer support are available. Application deadline is December 31, 2001 or until candidates are selected. Submit resume, names of three references, a statement of teaching and research interests to: Alan H. Marshak, Chair, Electrical and Computer Engineering, Louisiana State University, Ref: Log #0363, Baton Rouge, LA 70803.

LSU IS AN EQUAL OPPORTUNITY/\nEQUAL ACCESS EMPLOYER.

WRIGHT STATE UNIVERSITY
Assistant, Associate & Non-Tenure Track Faculty

The Department of Computer Science and Engineering at Wright State University seeks applicants for tenure-track Assistant or Associate Professor positions and for non-tenure-track positions as Instructor or Lecturer. The Department resides in the College of Engineering and Computer Science and offers B.S., M.S. and Ph.D. degrees both in Computer Science and Computer Engineering. Candidates for these positions are expected to have an earned Ph.D. (except for the Instructor/Lecturer position for which an M.S. and admissibility to our Ph.D. program are required) in computer science, computer engineering, or a closely related field and evidence of scholarship in that field appropriate to the position. Associate Professor applicants should have a distinguished record in computing, demonstrating strong leadership in both research and teaching. There is specific interest in faculty specializing in operating systems, particularly in parallel and real-time applications, and in bioinformatics. However, all high quality applicants will be considered regardless of their field of specialization.

The Computer Science and Engineering Department is one of four departments in the College of Engineering and Computer Science. The Department currently has 26 faculty members, 670 undergraduate majors, and more than 130 M.S. and 35 Ph.D. students. It is housed in a new, attractive, engineering building with fully networked Unix and NT environments, an Origin 2000 supercomputer, an NCR4800 Teradata machine, and excellent research laboratories. Wright State University, an institution of 16,000 students, is located on a spacious campus with a significant area of protected green space in a growing high-technology suburban community. It is surrounded by commercial (NCR, Lexis-Nexis, Reynolds & Reynolds, Mead, etc.) and government (WPAFB) research and development facilities. The University is proactively committed to industrial and government partnerships for research and economic development ventures and has established the Information Technology Research Institute closely aligned with the CS&E Department. The Department receives special support for enhancement of its graduate program from WSU, the Ohio Board of Regents, and the Dayton Information Technology Alliance. Last year, the Department received $5.3M in externally sponsored research. A variety of affordable and pleasant living environments, schools, shopping, and parks, attractive to professionals and their families, are conveniently located close to the campus.

Applicants should clearly indicate the position for which they are applying, including the rank sought, and provide a brief statement of their research and teaching interests and goals. They should include a complete vitae with names, addresses, telephone numbers and e-mail addresses of at least three references, documentation of teaching abilities, plus any additional supporting information that they would like to provide. Salaries are highly competitive. Address applications and supporting information to:

Chair, Faculty Search Committee
Department of Computer Science & Engineering
Wright State University
Dayton, OH 45435

Consideration of candidates starts October 5, 2001 and continues each month until September 30, 2002, or until the positions are filled. For details and information you may call (937) 775-5134 or contact Oscar N. Garcia, NCR Distinguished Professor and Chair, ogarcia@cs.wright.edu.

Wright State University is an equal opportunity/affirmative action employer.

TEXAS A&M UNIVERSITY
Faculty Search
Department of Computer Science

Applications are invited for several tenure-track faculty positions. The Computer Science Department has strong activities in both Computer Science and Computer Engineering. Outstanding candidates at all levels and from all areas of specialization in both Computer Science and Computer Engineering will be considered. Senior candidates with exceptional records, may be considered for the $4.3M College of Engineering Endowed Chair in Computer Science.

Texas A&M University has long enjoyed national leadership status in engineering education. Today, the Dwight Look College of Engineering is one of the largest and best endowed in the nation, and it ranks among the top institutions in every significant national poll.

The Department of Computer Science is one of the fastest-developing departments in the College. In recent years, it has built a strong national reputation based on the quality of its faculty and programs. The Department offers B.S., Master’s and Ph. D. degrees in Computer Science and Computer Engineering. Currently we have 28 tenured and tenure-track faculty, including five NSF PFI/NI/\nCAREER award recipients. Current areas of research emphasis include real-time systems, robotics, artificial intelligence, machine learning, bioinformatics, computer-aided design, computer engineering, hardware/software co-design, software engineering, mobile computing, digital libraries, computer-human interaction, computational science, local computer science, quantum computing, distributed systems and parallel computing. More information is available on the Web at http://www.cs.tamu.edu.

Candidates should have a Ph. D. in Computer Science or Computer Engineering or a closely related field, a strong commitment to both research and teaching, and demonstrated ability to perform research and acquire external funding appropriate to the rank being sought. The department welcomes applications from academic couples seeking to co-locate. Applications from minority and women candidates are especially encouraged. Texas A&M University is an affirmative action/equal opportunity employer committed to diversity.

Applicants should send a statement of research and teaching interest, a complete resume, and at least three references by email to faculty_search@cs.tamu.edu or by hard copy to Faculty Search Committee, Department of Computer Science, Texas A&M University, College Station, TX 77843-3112. Applications will be accepted until the positions are filled.

LOYOLA COLLEGE IN MARYLAND

The Computer Science Department invites applications for a tenure track position at the rank of Assistant Professor to begin in Fall, 2002. We are especially interested in a motivated individual, committed to excellent teaching and continued scholarship. A Ph.D. in Computer Science, Computer Engineering, or a closely related field is required. While candidates in all areas of specialization will be considered, we especially welcome applicants with expertise in networking, computer engineering, operating systems or algorithms.

Loyola is Catholic, Jesuit, selective liberal arts university that values scholarly excellence as well as individual growth and service to others. The school has been recognized nationally for its commitment to the support of technology and is ranked among the top five northern universities by US News and World Report. The BS in Computer Science has been CSAC-accredited since 1989 and a new BA program was instituted last year. A Masters in Engineering Science with a Computer Science concentration is also awarded, and most of the ten members of the Computer Science Department teach on both the undergraduate and graduate level. The CS faculty functions in a collegial, cohesive manner; classes are small (fewer than twenty students in most upper-division CS classes), and opportunities for personal contact with
students are plentiful. We have been especially successful in involving undergraduates in faculty research projects.

To apply please forward a current CV with the names, addresses, and phone numbers of three references to:

Dr. Arthur L. Delcher
Computer Science Department
Loyola College in Maryland
4501 North Charles St.
Baltimore, MD 21210

Before a campus visit, we will request that you forward formal letters of recommendation and official transcripts.

Loyola is located in the northern suburbs of Baltimore, close to many professional, recreational, and cultural opportunities. Loyola is a Jesuit Catholic institution, which welcomes applicants from all backgrounds who can contribute to our unique educational mission. Loyola is an equal opportunity employer which seeks applications from women and members of minority groups. More information is available at www.loyola.edu/cas and www.cs.loyola.edu.

UNIVERSITY OF MASSACHUSETTS
DARTMOUTH
Computer Engineering

The Department of Electrical and Computer Engineering at the University of Massachusetts Dartmouth seeks applications for one or more tenure track faculty positions with a start date in January 2002 or September 2002. Qualified candidates will be expected to teach undergraduate and graduate courses and to advise and support MS and Ph.D. students.

The department has approximately 240 undergraduate and 80 graduate students. It offers ABET accredited BS degrees in Electrical Engineering and Computer Engineering and an MS and Ph.D. in Electrical Engineering with options in Computer Engineering. The department has been experiencing rapid growth in graduate and undergraduate enrollments, especially in computer engineering. Research funding in the department is also expanding rapidly, enhanced by the university’s School for Marine Science and Technology and the Advanced Technology and Manufacturing Center as well as by proximity to government and industry laboratories near Boston and Providence.

The university is located in a beautiful seacoast community about 50 miles south of Boston and 25 miles east of Providence and about a half-hour from Cape Cod. The pleasant rural location provides a high quality of life with easy access to the cultural and scenic attractions of the region.

Applicants must be committed to teaching and research and must have an earned doctorate in Computer Engineering, or Electrical Engineering with a strong computer background, or Computer Science with a strong engineering background. Preferred candidates will have a documented record of accomplishment in research and publication. The successful candidate will be expected to obtain research funding and to support graduate students in one or more of the areas of: (1) Microprocessors and Digital Systems Design, (2) Computer Architecture, (3) Computer Simulation and Modeling, (4) Operating Systems, (5) Computer Performance Evaluation or (6) Software Engineering. Other areas of specialization within the field of Computer Engineering will be considered.

Submit a detailed resume including names, addresses and phone numbers of three references to: Dr. Paul Fortier, Chairman of CPE Search and Screen Committee, University of Massachusetts Dartmouth, 285 Old Westport Road, N. Dartmouth, MA 02747-2300. Review of applications will continue until the position is filled. UMASS Dartmouth is an EEO/AA Employer.

SYSTEMS ANALYST

Oversee patient information and financial systems for four medical clinics. Bachelor’s degree required, Computer Science or Electrical and Electronics Engineering; one year exp. programmer, including Visual Basic and Oracle. Send resume to: Family Medical Clinic, 217 Railroad Ave., Donaldsonville, LA 70346 Attn: Andrea Whittington.

TAICHUNG HEALTHCARE AND MANAGEMENT UNIVERSITY
Wu-Feng, Taichung, Taiwan
Department of Information Management

Taichung Healthcare and Management University invites applications for faculty positions in the Department of Information Management and Computer Science, beginning in February, 2002. Applicants in all areas of computer science and management, particularly in bioinformatics and healthcare informatics, are welcome. Rank will be commensurate with qualification. Candidates should have a Ph.D. degree in the related areas, a strong commitment to excellent research and teaching, and evidence of outstanding research accomplishments or potential. The department offers various programs in computer science & management and provides an excellent research/teaching environment. The department also offers a better salary payment than public universities and the chance of study abroad for every 3.5 years. Applicants should send a resume and at least three references by January 20, 2002 to:

Professor Jim-Min Lin, Chairman
Department of Information Management
Taichung Healthcare and Management University
500 Liu-Feng Rd., Wu-Feng, Taichung, Taiwan 413

UNIVERSITY OF MINNESOTA
Minneapolis, Minnesota

THE DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING has two faculty openings in COMPUTER ENGINEERING.

The Department invites applications and nominations for tenure track or tenured positions in computer engineering. Specialties of particular interest include computer architecture, networks, hardware-software codesign, VLSI, and embedded systems. A successful candidate is expected to establish a vigorous funded research program and teach at the undergraduate and graduate levels.

The requirements for these positions include an earned Doctorate in an appropriate discipline at the time of the appointment and outstanding academic and research records. Rank and salary will be commensurate with the qualifications and experience of the selected candidate. Applications and nominations should be sent with a resume containing the names of three references to:

Chair, Faculty Recruiting Committee
Department of Electrical and Computer Engineering
University of Minnesota
200 Union Street SE
Minneapolis, MN 55455

Positions are available for immediate occupancy.

The University of Minnesota is an equal opportunity educator and employer.

Fax: +886 4 23316699
Email: jimmy@thmu.edu.tw
Web site: http://www.thmu.edu.tw
See our web site http://www.ece.umn.edu for further information about the department and additional faculty openings in other areas.

THE UNIVERSITY OF MISSOURI-COLUMBIA
Department of Computer Engineering and Computer Science
Announcement of Faculty Positions

The Department of Computer Engineering and Computer Science invites applications for several tenure-track positions. Applicants should have or are about to complete a PhD in Computer Engineering, Computer Science, or a related field. They should show evidence of excellent research and teaching promise. Outstanding senior faculty will also be considered. Open positions are primarily focused in: Computational Mathematics, Knowledge based health care, Networking, and Theoretical computer science. Please identify your focus area. More information is available on our web site. We have established several outstanding federally and industrially funded research programs in computational intelligence, multimedia processing, telecommunications, decision support, image processing, computer vision, speech understanding, visualization, pattern recognition, databases, digital libraries, networking, computer architecture, parallel processing, robotics, and various IT applications. Please send a resume, a statement of teaching and research plan, and three references to: Faculty Search Committee Chair, Department of Computer Engineering and Computer Science, 201 Engineering Building West, University of Missouri-Columbia, Columbia, MO 65211-2060 http://www.cecs.missouri.edu

Qualified applicants will be considered until positions are filled. Positions are expected to begin August 2002.

The University of Missouri-Columbia is a Doctoral/Research Extensive Institution by the Carnegie Foundation for the Advancement of Teaching. UMC is an Equal Opportunity and Affirmative Action employer. To request ADA accommodations, please contact our ADA Coordinator at (573) 884-7278 (V/TTY).

DUKE UNIVERSITY
Department of Computer Science
Computational Science and Engineering Position

The Department of Computer Science at Duke University invites applications and nominations for a position of Professor and Director of Duke's Center for Computational Science and Engineering (CSE) to start September 2002. Candidates should be recognized leaders in their field with a strong research record and general knowledge of CSE including numerical analysis and scientific computing. They should also have a record of collaboration and serious interest in applications of numerical computation, should be interested in enhancing as much as possible computational science as a broad-based campus activity and should be willing to work closely with faculty from a variety of departments to develop research and teaching programs in this area. Some preference may be given to candidates with an applied interest in computational biology and genomics.

The Department presently has two tenure faculty in numerical analysis and scientific computation with considerable additional strength in CSE throughout the Science (including Mathematics and Statistics) and Engineering Departments. Other research areas of the Department are artificial intelligence, systems, and theory, and this position is also expected to enhance and influence the continued expansion of our vibrant and growing Department. For more information about the faculty, facilities and other resources, please refer to www.cs.duke.edu.

Applications should be submitted in hard copy or via email with PDF attachments. Applications will include a curriculum vitae, a list of publications, and copies of the most important publications. A Ph.D. in computer science or related area is required. Applicants should arrange for at least four letters of reference to be sent directly to the Search Chair. To guarantee full consideration, applications and letters of reference should be received no later than January 15, 2002.

Send all information to:
Donald J. Rose, CSE Search Chair
Department of Computer Science
Duke University
Durham, NC 27708-0129
duke.cse@duke.edu

Duke University is an affirmative action, equal opportunity employer.

CORNELL UNIVERSITY
School of Electrical and Computer Engineering

The School of Electrical and Computer Engineering (http://www.ece.cornell.edu) invites applications from exceptional candidates working on the frontiers of electrical and computer engineering, including applications to biology, for three tenure-track faculty positions at all levels. One of the positions, in particular, is a Clare Boothe Luce Assistant/Associate Professor of Electrical and Computer Engineering. The CBL Professorship encourages outstanding women in the scientific and technical fields to undertake academic careers (see http://www.hlue.org/3clbfhtm.html, for details). Areas of specific interest for these ECE faculty positions include Optics (such as integrated photonic devices, fiber amplifiers, and components, or experimental optical networks); Computer Engineering (such as special-purpose architectures, computer networks, or embedded and experimental systems); Circuits (such as high-performance digital circuits, mixed-signal IC design, GPS applications, and RF IC design); MEMS (especially with biological, optical, or RF applications); and Biological Applications of ECE. Although we are particularly looking for applicants in the areas above, our search is not restricted to these areas. Appointments will be made at the level commensurate with the successful applicant’s qualifications. Applicants must have demonstrated excellence in research and have the ability to develop an independent research program as well as have a strong interest in teaching at both the undergraduate and graduate level. Applicants are expected to hold a Ph.D. degree.

A letter of application, professional resume, statement of research and teaching goals, along with the names and contact information of at least four references should be submitted to: Professor Clifford R. Pollock, Director, School of Electrical and Computer Engineering, Cornell University, 224 Phillips Hall, Ithaca, NY 14853-5401. Applications received by January 15, 2002 will be assured full consideration. Cornell’s College of Engineering is an equal opportunity/affirmative action employer and welcomes nominations of, and applications from, women and underrepresented minorities.

JAMES MADISON UNIVERSITY
Department of Computer Science
Faculty Positions

The Department of Computer Science at James Madison University invites applications for several faculty positions beginning Spring 2002 or Fall 2002. Priority will be given to individuals with expertise in Information Security, Networking, Mobile Commerce or closely related areas. Faculty positions are tenure track and are open at all ranks. The Commonwealth Information Security Center (CISC), an applied research and technology transfer center within the Department of Computer Science recently has received multimillion-dollar funding to advance Virginia’s expertise in protecting information and the underlying systems and infrastructure it relies upon. The CISC includes three new research laboratories and offers an excellent environment for information security research. The Department of Computer Science also offers a masters program in information security that has been designated by the NSA as a Center of Academic Excellence in Information Assurance Education (http://www.infos ec.jmu.edu/). The Department intends to build upon this to formulate a doctoral program in information security.

Review of applications will begin on November 1, 2001 and will continue until all available positions are filled. Successful applicants must have a doctoral degree in an appropriate area of expertise and a strong research record or...
equivalent industrial or governmental experience with a focus on applied research. A number of research assistant-ships and associate positions are also available.

The Department of Computer Science has a faculty of 15 with 5 additional jointly-appointed faculty from the Integrated Science and Technology program. The Department currently enrolls approximately 600 undergraduate majors and 130 graduate students (www.cs.jmu.edu). James Madison University is state-assisted and has been consistently ranked as one of the top comprehensive universities in the nation (www.jmu.edu). JMU is committed to excellence in teaching with a student-centered culture and a reputation for producing excellent graduates in a wide variety of fields. Located in the scenic Shenandoah Valley, providing a high quality of life index, the University is convenient to D.C. and Richmond.

Applicants should submit a letter of application, resume, and names, addresses, and phone numbers of three references to: Dr. Mohamed Eltoweissy, INFOSEC Faculty Search Committee, James Madison University, 701 Carrier Drive, MSC 4103, Harrisonburg, VA 22807.

James Madison University is an Equal Opportunity/Affirmative Action/Equal Access employer and encourages applications from minorities, women, and persons with disability.

MIA MI UNIVERSITY
School of Engineering and Applied Science
Comput er Science and Systems Analysis Department

The Department of Computer Science and Systems Analysis of Miami University invites applications for one or more tenure track positions. We are primarily seeking applicants to begin at the rank of Assistant Professor, but will consider applicants qualified for higher ranks. A Ph.D. in computer science, computer engineering, or a related discipline is required at time of appointment. Duties will include teaching undergraduate and graduate courses, maintaining an active research program, and departmental service. Any area of specialty will be considered, but ideal candidates would be either computer engineers who could ultimately participate in an anticipated new degree program or computer scientists with research interests in graphics, AI, simulation, or virtual environments. Miami University is a state-assisted university located in beautiful southwestern Ohio and is noted for its excellence in undergraduate education. Our main campus is in Oxford, a small city with a population of 9,000 located 35 miles north of Cincinnati. Enrollment on the Oxford campus is limited to 16,000. Miami also has regional campuses in two nearby cities, Hamilton and Middletown, and a European Center in Luxembourg. Miami is regularly ranked among the top ten public universities in undergraduate education. The Computer Science and Systems Analysis Department offers baccalaureate and master’s degrees. See http://www.eas.muohio.edu/csa/ for more information. Send resume, three letters of reference, and visa status (if applicable) to: Alton F. Sanders, Computer Science and Systems Analysis Dept., Miami University, Oxford, OH 45056. (Phone: 513-529-5935, Fax: 513-529-1524, Email: sanderaf@MUOhio.edu). Review of applications will begin November 2001 and will continue until the positions are filled. We encourage applications from a broad spectrum of individuals, including women and members of ethnic minorities. Miami is an EO/AA employer.

SEATTLE UNIVERSITY

The Computer Science and Software Engineering Department of Seattle University invites applications for the following positions:

Full-time, tenure-track positions in both computer science and software engineering, at the assistant or associate professor level, beginning Fall 2002
Part-time instructors for various software engineering courses, including courses in human computer interaction, user interface programming, distributed computing and software maintenance.

All candidates for tenure-track positions should have a Ph.D. in CS or related discipline by the date of hire, and demonstrate promise for excellence in teaching and research. In addition, candidates for the software engineering positions should have at least three years of industrial experience in software development.

Seattle University is a Jesuit/Catholic comprehensive university with 6,000 students and a residential campus located in the heart of Seattle. For more information, see www.seattleu.edu/scieng/comsci.

The CSSE Department is in the School of Science and Engineering, and offers BA and BS degrees in CS, with specializations in business and mathematics, as well as a Master of Software Engineering (MSE) degree. The SU environment provides many opportunities for faculty involvement with the local high-tech computer industry.

Interested persons should submit application materials to:
Chair, Faculty Search Committee
Seattle University
900 Broadway
Seattle, WA 98122-4430

A complete application for full-time positions must include: a cover letter, your curriculum vita, a statement of your teaching experience and philosophy, a mission statement addressing how you could contribute to the Seattle University mission (please review the SU Mission Statement, at www.seattleu.edu/about/mision.html), and three letters of reference (to be sent directly to the department). Applicants for part-time positions should address a cover letter and vita to the above address.

Review of applications will begin on October 1, 2001, and applications will be accepted until all positions are filled.

Seattle University is an equal opportunity, affirmative action employer.

UNIVERSITY OF PITTSBURGH
Department of Computer Science

The Department of Computer Science at the University of Pittsburgh is initiating a search for four tenure track positions and two non-tenure track positions effective September 2002. We seek to fill the four tenure track positions at the Assistant Professor level, but higher-level appointments are possible for qualified candidates. The non-tenure track positions are at the lecturer level. All applications from experienced scholars with outstanding records of accomplishment and intellectual leadership are encouraged.

The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer. Women and members of minority groups who are under-represented in academia are especially encouraged to apply.

Outstanding candidates are sought in all areas of Computer Science including but not limited to: operating systems, distributed systems, databases, networks, architectures, graphics, and programming languages. Responsibilities include research, supervision of graduate student research (PhD and MS), and undergraduate teaching. Candidates should have a PhD in Computer Science and demonstrate exceptional research potential and teaching ability.

The Lecturer positions are to be filled by outstanding teachers. Candidates for this position should preferably have a PhD, although applicants with an MS in Computer Science and with other suitable qualifications in advising of students and in curriculum design and management will be considered.

Candidates should send a curriculum vitae, a statement of research and teaching interests, and names and addresses of at least three references to Professor Rami Melhem, Chair, Department of Computer Science, University of Pittsburgh, Pittsburgh, PA 15260. Please direct your inquiries to faculty-search@cs.pitt.edu. Applications must be received by January 18, 2002 to ensure full consideration.

The Department provides a stimulating environment for research and teaching that results in strong graduate and undergraduate programs. The Department already has strengths in artificial intelligence, programming languages, algorithms/theory, computer architectures, distributed systems, and software systems and engineering. The Computer Engineering program is an established...
partnership between the Computer Science Department and the Electrical Engineering Department. Departmental resources include extensive computing facilities of over 350 workstations and personal computers with multimedia capabilities and specialized networks and devices. Faculty members also have network access to additional high performance computing platforms provided by the general computing facilities of the University as well as by the Pittsburgh Supercomputer Center (of which the University is a founding member). For further information about the Department please see http://www.cs.pitt.edu.

**BAYLOR UNIVERSITY**  
Computer Engineering  

The Department of Engineering invites applications for a tenure-track faculty position in all areas of computer engineering. Baylor University offers ABET/EAC-accredited B.S. programs in Electrical and Computer Engineering, Mechanical Engineering, and Engineering. Baylor is a private, church-related university of 14,000 students, chartered by the Republic of Texas in 1845, the oldest university in Texas, and a member of the Big 12 Conference. Hallmarks of the department include a commitment to undergraduate education in a supportive Christian environment, small class size, close student/faculty interaction, near-100% pass rate on the FE exam and high U.S. News peer-group ranking.

Applicant requirements include an earned doctorate in Computer Engineering, EE or other closely related field, a commitment to undergraduate teaching excellence with outstanding English communication skills, promise for scholarly contributions, a commitment to professional registration and an active Christian faith. Demonstrated teaching excellence and relevant industrial experience are desirable. The successful candidate will be involved in classroom and laboratory instruction, curriculum development, student advising, scholarly activities, and professional service.

Applications must include a current vita, a statement of academic interests related to Baylor’s programs, a description of current Christian affiliation and service, and the names and contact information for three professional references. Further information, including official transcripts, will be required of finalists. Additional information for this and other positions in EE and ME is available at the web address, http://ecwww.baylor.edu/ecs/engineering. Send materials to Dr. Jim Farison, Baylor University, PO Box 97356, Waco TX 76798-7356, or email to Jim_Farison@baylor.edu. Applications by December 31 will receive full consideration, but others will be accepted until the position is filled. August 2002 appointment is anticipated.

Baylor University is affiliated with the Baptist General Convention of Texas. As an Affirmative Action/Equal Opportunity Employer, Baylor encourages minorities, women, veterans, and persons with disabilities to apply.

**STAFF ENGINEERS**  

Master’s degree in Elec Engr, Comp Sci or related field req. Send ad w/ resume to: Valence Semiconductor, 41 Discovery, Irvine, CA 92618.

**TEXAS A&M UNIVERSITY**  
Dwight Look College of Engineering  
Endowed Chair Ad  
College of Engineering Endowed Chair in Computer Science  
Department of Computer Science  

Texas A&M University invites nominations and applications for the College of Engineering Endowed Chair in Computer Science, whose endowment of $4.3M is among the largest in the nation.

We are looking for an internationally recognized scholar who has the vision, enthusiasm, motivation, and capability to build and guide a flourishing research group. We are interested in candidates having synergistic interests with our existing areas of research strength as well as in candidates who will broaden and expand our current programs. We welcome applications from candidates with highly innovative research agendas and/or who cross traditional disciplinary boundaries. The Department, with the strong backing of the College and University, is committed to providing the resources needed to enable the Chair to quickly establish a vibrant, internationally recognized research presence at Texas A&M. The Department has significant uncommitted resources, including several faculty positions, that are available for this purpose. The University’s recently completed Vision 2020 strategic plan includes an emphasis on Information Technology and on multi-disciplinary initiatives such as Bioinformatics; through the latter, the department has been awarded multiple positions split between Computer Science and other departments in the Life Sciences.

Texas A&M has long enjoyed national leadership status in engineering education. Today, the Dwight Look College of Engineering is one of the largest and best endowed in the nation, and it ranks among the top institutions in every significant national poll, including #11 in the recent US News and World report ranking.

The Department of Computer Science is one of the fastest-developing departments in the College. In recent years, it has built a strong national reputation based on the quality of its faculty and programs. The department offers B.S., Master’s and Ph.D. degrees in computer science and, jointly with the Department of Electrical Engineering, in computer engineering. The department has 28 tenured or tenure-track faculty, including five NSF PFI/CAREER award recipients. More information is available at http://www.cs.tamu.edu.

Letters of application should include a full curriculum vitae and the names and addresses of at least five references. Applications will be accepted until the position is filled; screening will begin immediately. Nominations or applications should be sent to: Endowed Chair Search Committee, Department of Computer Science, Texas A&M University, College Station, TX 77843-3112, e-mail: chair_search@cs.tamu.edu

Applications from minority and women candidates are especially encouraged. Texas A&M University is an affirmative action/equal opportunity employer committed to diversity. The department welcomes applications from academicians and minority candidates seeking to co-locate.

**JOHNS HOPKINS UNIVERSITY**  

The Department of Computer Science at Johns Hopkins University is seeking applications for tenure-track faculty positions at all ranks and all fields. We have particular interest in candidates with research and teaching interests in systems, networks, security, algorithmic theory, machine learning, as well as robotics, computational biology and bioinformatics.

All applicants must have a Ph. D. in computer science or a related field and are expected to show evidence of an ability and willingness to develop academic research and teach programs of the highest quality. Commitment to quality teaching at the undergraduate and graduate levels will be required of all candidates considered.

Johns Hopkins is a private University well-known for its commitment to academic excellence. Accordingly, Hopkins attracts extremely talented undergraduates and graduate students. The Department of Computer Science stands among the first rank of departments at the Johns Hopkins in terms of funded research activities and student involvement in educational programs. The administration at Johns Hopkins recognizes the major role computer science and information technology must play in the future of the University.

The anticipated expansion in faculty and infrastructure in the Department of Computer Science is directed at further increasing national and international recognition of our research and teaching programs.

See the department webpage at http://www.cs.jhu.edu for additional information about the department, including links to research laboratories and centers.

Applicants should submit all their application material (CV’s, lists of references, statement of objectives, etc.) elec-
GRAND VALLEY STATE UNIVERSITY
Computer Science & Information Systems Department

The Computer Science and Information Systems Department of Grand Valley State University invites applications for tenure track positions for Winter or Fall, 2002. A Ph.D. in Computer Science or in Information Systems or in a closely related area is required. Candidates must be professionally active, have demonstrable teaching potential, and be committed to teaching and undergraduate research. Applicants should be able to work in core areas of computer science or information systems. All qualified applicants are encouraged to apply especially those with backgrounds in information systems, data communications, networking, or database. The department has 20 full-time faculty, 500 undergraduate majors, and 150 students in our Master's degree program. Grand Valley has over 20,000 students and is the fastest growing Michigan university.

We are looking for excellent teachers with a passion for computing and learning. We expect our faculty to remain professionally active. Mentoring undergraduate research, doing computer science education research, or working in your area of technical specialty are all valued. Refer to our web site for additional information about our faculty, students, the university, faculty benefits, living in western Michigan, and the local housing market (www.cis.gvsu.edu).

Send your resume, a statement of teaching philosophy, a letter describing your interest and qualifications, and the names, addresses, e-mail addresses, and phone numbers of three current references to: Search Committee, Computer Science & Information Systems Department, Grand Valley State University, Allendale, MI 49401-9403.

Consideration of applications will begin on November 5 and will continue until the positions are filled. AA/EOE/ADA

Sан Diego State University
Computer Engineering
Tenure-Track Faculty Position

The Department of Electrical and Computer Engineering at San Diego State University invites nominations and applications for a tenure-track position in Computer Engineering. Applicants must have an earned Ph.D. in Computer Engineering, Electrical Engineering or Computer Science and expertise in digital system design. Expertise in other areas of Computer Engineering is desirable, particularly in the following areas: computer architecture, machine learning, distributed computing and software engineering. The faculty member will be expected to teach and develop graduate and undergraduate courses as well as maintain a successful research program. Experience working in the laboratory and with CAD tools is desirable. Recent graduates as well as those with industrial or university experience are welcomed. Appointment level and salary will be commensurate with experience. Additional information may be obtained at http://engineering.sdsu.edu/electrical/. Applicants should send a detailed resume, a brief statement of research and teaching interests, three recent publications and complete contact information for three references to: Professor Gordon Lee, Department of Electrical and Computer Engineering, San Diego State University, 5500 Campanile Drive, San Diego, CA 92182-1309. Review of the applications will begin on December 15, 2001 and will continue until the position is filled. SDSU is an equal opportunity employer and does not discriminate against persons on the basis of race, religion, national origin, sexual orientation, gender, marital status, age or disability. Women, ethnic minorities and persons with disabilities are encouraged to apply.

University of California, Berkeley
Senior Faculty Position in Computer Science and Engineering

The University of California, Berkeley invites applications for tenure-track positions in ELECTRICAL ENGINEERING AND COMPUTER SCIENCES at the ASSISTANT PROFESSOR level beginning Fall 2002. Several faculty searches have been approved. We are also considering the possibility of joint searches with other UC Berkeley departments.

Applicants should have received (or be about to receive) a doctoral degree in Computer Science, Electrical Engineering, or Computer Engineering or a related field. All areas of research in Computer Science and Electrical Engineering will be considered. A principal requirement is demonstrated excellence in research. In addition, potential for excellence in teaching and leadership are important requirements. Successful applicants will be expected to establish a quality research program and to teach both graduate and undergraduate courses in their general area of specialty.

Interested persons should send: a resume, a select subset of publications, a 1-2 page statement of future research plans and interests, and the names of three references who will be writing recommendation letters. Send applications to the appropriate address below. Applicants should ask references to send recommendation letters directly to the same address, to arrive before February 1, 2002. Reference letters will NOT be requested directly by the department. Applications received after April 1, 2002 will not be considered; review of complete applications will begin January 10, 2002.

Send Computer Science applications to:

UC Faculty Search Committee, c/o Debra Zaller, EECS Department/Computer Science Division, 381 Soda Hall # 1776, UC Berkeley, CA 94720-1776

Send Electrical Engineering applications to:

EE Faculty Search Committee, c/o Jean Richter, EECS Department, 231 Cory Hall #1770, UC Berkeley, CA 94720-1770

The University of California is an Equal Opportunity, Affirmative Action employer.

University of Connecticut
Senior Faculty Position in Computer Science and Engineering

The University of Connecticut invites nominations and applications with strong leadership qualities for a senior faculty position in computer science and engineering. This position offers an excellent opportunity for the creation of a nationally recognized and cutting-edge program emphasizing engineering applications of information technology. The focus and direction of the program will clearly be influenced by the strength and leadership of the applicant. The School of Engineering enjoys a synergistic relationship with broad industrial and research contacts. It has already obtained an initial funding of $750,000 from GE Foundation’s generous donation for the support of this newly created position.

The Computer Science and Engineering Department has strong research and education programs in areas including distributed computing, networks, intelligent systems, agent-based computing, parallel algorithms, complexity theory, data security, cryptography, geometric modeling, databases, computational biology, performance modeling and human-centered computing. The CSE faculty are funded by NSF, AFOSR, NIH, DARPA, MITRE, and other industrial and government agencies. The selected candidate will enjoy collaboration with highly qualified and motivated faculty members in the department and in the School of Engineering for the program development.

The University of Connecticut, a land grant university and the State’s flagship public university, is one of only two pub-
The University of Connecticut is an Affirmative Action/Equal Opportunity Employer. (Search #01A241)

University of Illinois at Chicago
Department of Computer Science Faculty Positions

We invite applications for assistant, associate and full professors as well as lecturers. A Ph.D. degree in Computer Science or its equivalent is required for tenure-track positions. A master’s degree in Computer Science is required for the lecturer position. Outstanding candidates in all areas of Computer Science will be considered. All candidates should have outstanding teaching and research potential.

UIC is a research-1 university and the largest institution of higher education in the Chicago area. The University is in the midst of a $500 million campus development project. The Department of Computer Science has 31 faculty members and 250 graduate students, and offers BS, MS, and Ph.D. degrees. It has annual research expenditures of $4.5 million. The department has six IEEE, ACM fellows and four NSF career award winners on its faculty. It has state of the art computing resources for research and teaching. It is one of the fastest growing departments in terms of scholarly research and grant productivity. For more information, visit our web page at http://www.cs.uic.edu.

The UIC campus is located near downtown Chicago, and is close to other research institutions and universities. Chicago offers all the cultural amenities of a major city, a wide range of affordable housing and plenty of job opportunities. For full consideration, send a vita and the names and addresses of at least three references by January 7, 2002 to Prof. A. Prasad Sistla, Search Committee Chair, Dept. of Computer Science (M/C 152), 851 S. Morgan Street, Chicago, Illinois 60607-7053. Applications will be considered until all positions are filled. The University of Illinois at Chicago is an Affirmative Action/Equal Opportunity Employer.

THE PENNSYLVANIA STATE UNIVERSITY
Department of Computer Science and Engineering

Applications are invited for several tenure-track faculty positions at all ranks. Outstanding candidates in all areas of computer science and engineering will be considered. Areas of particular focus are Bioinformatics, Computer Graphics & Vision, Database & Multimedia Systems, Distributed Systems, Embedded Systems, Networks, and Security. We will consider multiple hires in these targeted areas.

Additional coordinated hiring with the School of Information Sciences and Technology (IST) is possible in areas such as Databases, Internet Computing, Mobile Computing, Security/Privacy, and User Interfaces.

Applicants should hold a Ph.D. in computer science, computer engineering, or a closely related field and should be committed to excellence in both research and teaching. Support will be provided to the successful applicants for establishing their research programs. In specific areas such as Embedded Systems, additional start-up funding can be provided by generous support from the State of Pennsylvania through the Pittsburgh Digital Greenhouse.

The Department of Computer Science and Engineering (CSE) has 24 collegial, tenure-track faculty and the university is committed to growing the faculty ranks over the next several years. The Department offers a graduate program with about 90 Masters students and 90 Ph.D. students and enrollment controlled undergraduate programs in computer science and computer engineering. The Department has state-of-the-art computer equipment with excellent system and network support, and has close ties with other university departments and their computing and networking facilities. In particular, there are well-equipped research labs in areas including microsystems design and VLSI, programming languages and compilers, computer vision and robotics, virtual environments, high performance computing and bio-informatics. By Fall 2003, the Department will move into a new building housing both CSE and IST.

Penn State is a major research university and in recent years has ranked first in the nation among public universities in industry-sponsored research. US News and World Report consistently ranks PSU’s College of Engineering undergraduate and graduate programs in the top 15 of the nation. The university is located in the beautiful college town of State College, a town of about 40,000 inhabitants in the center of Pennsylvania with a variety of outdoor recreational activities nearby. The university offers outstanding events from collegiate sporting events to fine arts productions. Many major population centers on the east coast (New York, Philadelphia, Pittsburgh, Washington DC, Baltimore) are only a few hours drive away and convenient air services to several major hubs are operated by three major airlines out of State College.

Applications should be received by January 31, 2002 to receive full consideration. To apply by electronic mail, send your resume (including curriculum vitae and the names and addresses of at least three people willing to write a letter of recommendation) as a postscript or pdf file to recruiting@cse.psu.edu or by post to:

Chair, Faculty Search Committee
The Pennsylvania State University
Department of Computer Science and Engineering
220 Pond Laboratory, Box CRN
University Park, PA 16802-6106 USA

For more information about the Department of CSE at PSU, see http://www.cse.psu.edu. PSU is an Equal Opportunity/Affirmative Action Employer.

Women and minorities are encouraged to apply.

POMONA COLLEGE

Tenure-track assistant professorship, beginning July, 2002. Candidates at more senior levels will be considered. Requirements: Ph.D. in computer science, broad background in computer science, excellence in teaching a wide range of courses. Should be able to teach an ethnically diverse student body, have a strong independent research agenda, and be excited about directing student research.

Application includes: cv; 3 or more letters of recommendation, at least one of which evaluates teaching, a statement of teaching philosophy; and a description, written for the non-specialist, of research accomplishments and plans. Applications completed by January 7, 2002, will receive full consideration. Pomona College is an equal opportunity employer and especially invites applications from women and members of under-represented groups.

For more information from:
<http://www.cs.pomona.edu> cs_search@pomona.edu.

WAKE FOREST UNIVERSITY
Endowed Chair in Computational Biophysics

Wake Forest University invites applications for an endowed chair with the title of Reynolds Professor of Physics and Computer Science. Wake Forest is a highly ranked, private university with about 3800 undergraduates, 600 graduate students, and 1500 students in the professional schools of medicine, law, and business. The Physics Department has a significant focus in biophysics and is recruiting for an Assistant Professor in Computational Biophysics in addition to this joint position with Computer Science. A significant number of the faculty in Computer Science focus their research on Scientific Computing, with...
UNIVERSITY OF NEBRASKA - LINCOLN
Computer Science and Engineering Department
The UNL CSE Department is embarking on dynamic growth and seeks applications for:
- endowed professorships,
- tenure-track faculty positions, and
- research faculty positions in the following areas:
  - Bioinformatics,
  - Computational sciences,
  - Computer engineering,
  - Database and information systems,
  - Distributed systems,
  - Networks,
  - Software engineering, or
  - Computer science and engineering education.
Exceptional candidates in other areas will be considered.
UNL is a comprehensive research university with Carnegie I standing and membership in the elite Association of American Universities. The CSE Department offers BS, MS, and PhD degree programs in both computer science and computer engineering. Lincoln, the capital of Nebraska, is a prosperous, medium-sized city that ranks high in quality-of-life.
For complete position advertisements, visit http://cse.unl.edu/search, email search@cse.unl.edu, or phone (402) 472-2401.

CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO
Tenure Track Faculty Positions Computer Engineering Program
The Computer Engineering Program, Cal Poly State University, San Luis Obispo, invites applications for full-time, academic year tenure-track faculty positions, at the assistant through full professor levels, starting during 2002 or a mutually acceptable date. Four positions are open, including two Bert and Candace Forbes Endowed Professors of Computer Engineering. Duties include teaching undergraduate and graduate courses and laboratories, and research. This position offers the opportunity to participate in the continuing development of the Computer Engineering Program, a joint program sponsored by the Electrical Engineering and Computer Science Departments. Tenure will be in either department, salary and rank is commensurate with qualifications and experience.
Candidates must have a strong commitment to teaching, dedication to professional development and scholarship, and broad-based knowledge of computer engineering, with emphasis on computer architecture, microprocessor-systems, networks, operating systems, advanced chip-level design, or similar area. Ph.D. in Computer Engineering, Electrical Engineering, or Computer Science required. Demonstrated ability in written and oral use of the English language required.
For information and application, please contact: Art MacCarley, Director, Computer Engineering Program, Cal Poly, San Luis Obispo, CA 93407; Tel. (805) 756-1229; e-mail: amaccar@calpoly.edu. Refer to Recruitment Code 3797. Resumes can be submitted via email as text documents, or as PDF or MS-Word attachments. Review of applications will begin December 1, 2001; applications received after that date may be considered.
Cal Poly is strongly committed to achieving excellence through cultural diversity. The university actively encourages applications and nominations of women, persons of color, applicants with disabilities, and members of other under-represented groups. AA/EOE.

UNIVERSITY OF WISCONSIN – EAU CLAIRE
The Department of Computer Science at the University of Wisconsin – Eau Claire invites applications for several new tenure track positions. As a result of a statewide technology initiative, the Department is seeking to add new courses and programs to meet regional needs, requiring an increase in faculty size from our current seven positions to eleven over the next two years.
Applicants must have an earned doctorate or be ABD (an earned doctorate must be received by January 1, 2003) in Computer Science, Computer Engineering, Electrical Engineering, or a related field, and must show a potential for excellence in undergraduate teaching and ability to engage in scholarly research. Candidates are expected to demonstrate potential to actively contribute to the department’s core curriculum. Expertise in software engineering, object-oriented analysis/design, computer security, Internet computing, operating systems, networking, or electrical/computer engineering is considered an asset. Regional industries are well known for development of supercomputer systems, printed circuit boards, chips, and other related systems, thus an applicant’s potential to develop a computer/electri-
Technological University of Alberta Electrical and Computer Engineering Faculty Positions

The Department of Electrical and Computer Engineering invites applications for tenure track faculty positions at all levels in the area of Computer Engineering and Software Engineering. Fields of particular interest include but are not limited to the following: real-time systems, software-hardware co-design, mixed signal design and testing, system on chip and VLSI, computer architecture, CAD and synthesis, formal verification, mobile and wearable computing, software design, distributed and Internet computing, software measurement, software reliability, software testing and inspection, software project management, software agents. Candidates must have earned a Ph.D. (or expected) and have a strong commitment to research and teaching. Industrial experience will be considered an asset.

The Department currently has 44 faculty members and will be expanding to 53 over the next 2 years. The Department has approximately 240 undergraduate in Computer Engineering and 250 graduate students. Two new buildings with a total area of 15,000 m² (135,000 sq ft) serve the current teaching and research needs of the Department. More information regarding Department programs, faculty and facilities can be found at http://www.ee.ualberta.ca.

The province of Alberta has recently established a $1 billion endowment for research through the Alberta Heritage Foundation for Science and Engineering Research. There are sources of federal funding through the Natural Sciences and Engineering Research Council of Canada (NSERC) and the Canadian Foundation for Innovation (CFI) supporting research infrastructure.

Applicants are invited to submit their curriculum vitae including employment history, a statement concerning research and teaching interests, reprints of at least two representative research papers, and the names of at least three referees to:

Dr. W. Pedrycz, Chair
Department of Electrical and Computer Engineering
The University of Alberta
Edmonton, Alberta, Canada T6G 2V4

The application review process will begin on January 31, 2002 and will continue until the positions have been filled.

The records arising from this competition will be managed in accordance with provisions of the Alberta Freedom of Information and Protection of Privacy Act (FOIPP). The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities and Aboriginal persons.

THE UNIVERSITY OF MICHIGAN, ANN ARBOR
Department of Electrical Engineering and Computer Science
Computer Science and Engineering Division
Faculty Positions

Applications and nominations are solicited for several junior and senior faculty positions in the Computer Science and Engineering (CSE) Division. Qualifications include an outstanding academic record, a doctoral or equivalent in computer engineering or computer science, and a strong commitment to teaching and research. Candidates from all areas of computer science and engineering will be considered.

The University of Michigan is a Non-Discriminatory/Affirmative Action Employer. Please send resume and names of three or more references to:

Professor John E. Laird, Assoc. Chair, CSE Division
Department of Electrical Engineering and Computer Science
University of Michigan
1301 Beal Avenue, Room 3402
Ann Arbor, MI 48109-2122
URL: http://www.eecs.umich.edu/cse

You may submit applications and inquiries via email to cresearch@eecs.umich.edu

U.S. NAVAL ACADEMY
Computer Science Department

The Computer Science Department at the U.S. Naval Academy invites applications for a tenure track position at the Assistant Professor level (anticipated to begin Fall of 2002). An earned Ph.D. in Computer Science is required.

The applicant must have good communication skills, commitment to excellence in teaching, broad teaching interests, and ongoing research. Preference will be given to candidates specializing in Database, Operating Systems or Architecture, but candidates from all areas of Computer Science will be considered.

The Computer Science Department offers a major in Computer Science leading to a Bachelor of Science degree (ABET/CAC accredited). The department has approximately 200 majors and a faculty of 15. Faculty and students have access to outstanding office and lab facilities including networked PCs and Suns.

Send a letter of application, three letters of recommendation that address both teaching and research abilities and a curriculum vitae to:

Faculty Search Committee,
Computer Science Department
U.S. Naval Academy
Annapolis, Maryland 21402-5002
http://www.cs.usna.edu/

The United States Naval Academy is an Affirmative Action/Equal Opportunity Employer. This position is subject to the availability of funds.

UNIVERSITY OF CENTRAL FLORIDA
Orlando, Florida
School of Electrical Engineering and Computer Science

The School of Electrical Engineering and Computer Science seeks outstanding tenured or tenure-track faculty for Fall 2002. In 2000-2001 we awarded 26 Ph.D. 119 MS, and 315 BS degrees in Computer Science, Computer Engineering and Electrical Engineering, and have attracted many National Merit Scholars. Last Spring, we started a new degree in Information Technology, the first in Florida and one of the first in the country. Seven senior and junior colleagues have just joined us, bringing our strength to 51 tenured and tenure track faculty, plus fifteen lecturers and visitors.

External grants from federal and industry have increased by 250% since 1998, reaching $8.9 million over three years. Additionally, we have received significant state and university matching funds. Computer Science graduate programs expanded by 225% over the same period, while the Computer Science
Three positions are open in Computer Science. Active research areas include distributed agents, computer networks, AI, performance modeling, vision and graphics, multimedia databases. All areas of computer science are considered.

Two positions are open in Computer Engineering. Areas of interest include architecture/digital systems, software engineering, and modeling and simulation.

One position is open in Electrical Engineering. Active research areas include power electronics, microelectronics, wireless, controls, DSP, and electromagnetics. Wireless and signal processing are primary areas for recruitment.

Candidates seeking Associate or Full Professorships should have well funded research programs and demonstrated prominence in their fields. Those seeking Assistant Professorships must show evidence of high quality publications.

The University of Central Florida (UCF) has 36,000 students. It is among the nation’s fastest growing universities with enrollment expected to reach 48,000 by 2010. Orlando is the center of a High Tech area with a thriving industry base in software, telecommunications, semiconductors, defense, space, lasers, and entertainment. UCF is an Equal Opportunity employer. Women and minorities are encouraged to apply. As an agency of the State of Florida, UCF makes application materials and selection procedures available for public review.

Send applications, including a resume and five names of references, to: Chair, Search Committee (Appropriate Program Name), School of ECECS, UCF, Orlando, FL 32816-2450. The Appropriate Program Name template should be: Computer Engineering, Electrical Engineering, or Computer Science. Email address for Computer Engineering is facereach@ece2.eng.ucf.edu; Electrical Engineering is chilton@mail.ucf.edu; and Computer Science is facereach@cs.ucf.edu.

WAYNE STATE UNIVERSITY
Faculty Position in Department of Electrical and Computer Engineering

The ECE Department at Wayne State University invites applications from qualified candidates for a tenure-track faculty position in the areas of computer architecture, VLSI design, computer networks, optical communications systems, wireless communications, MEMS or nanotechnology. Candidates should have a Ph.D. degree in Electrical Engineering, Computer Engineering, or a related field, demonstrated ability to pursue competitive and funded research, and a strong commitment to teaching. The search is mainly at assistant professor level, but higher rank applicants with exceptional qualifications will also be considered. The appointment will begin in Fall 2002.

JOHNS HOPKINS UNIVERSITY
Faculty Position in Computational Biology/Bioninformatics

The Johns Hopkins University Department of Computer Science invites applications for a tenure-track faculty position in the general areas of computational biology and bioinformatics. Appointments at all academic levels will be considered. The successful candidate’s primary appointment will be in the Department of Computer Science (www.cs.jhu.edu) of the Whiting School of Engineering, and he/she will be a member of the Whitaker Biomedical Engineering Institute (www.wbmei.jhu.edu). This newly formed Institute provides a highly interactive environment in which multidisciplinary teams of engineers, biologists, computer scientists, and mathematicians will address biomedical problems of fundamental importance. The Institute builds on internationally recognized research programs based in the School of Medicine and the Whiting School of Engineering, including the Department of Biomedical Engineering. Current research activities in computational biology include an active collaboration with faculty at The Institute for Genomic Research (www.tigr.org) in nearby Rockville, MD. Successful applicants will be expected to establish independently funded research programs, and will participate in the graduate and undergraduate educational activities of both the Department of

Department of Computer Science invites applications from qualified candidates for a tenure-track faculty position in the general areas of computational biology and bioinformatics. Appointments at all academic levels will be considered. The successful candidate’s primary appointment will be in the Department of Computer Science (www.cs.jhu.edu) of the Whiting School of Engineering, and he/she will be a member of the Whitaker Biomedical Engineering Institute (www.wbmei.jhu.edu). This newly formed Institute provides a highly interactive environment in which multidisciplinary teams of engineers, biologists, computer scientists, and mathematicians will address biomedical problems of fundamental importance. The Institute builds on internationally recognized research programs based in the School of Medicine and the Whiting School of Engineering, including the Department of Biomedical Engineering. Current research activities in computational biology include an active collaboration with faculty at The Institute for Genomic Research (www.tigr.org) in nearby Rockville, MD. Successful applicants will be expected to establish independently funded research programs, and will participate in the graduate and undergraduate educational activities of both the Department of

University of Houston

The University of Houston is an equal opportunity/affirmative action employer. Minorities, women, veterans, and persons with disabilities are encouraged to apply. To ensure full consideration, applicants should respond by Jan. 15, 2002, though review will begin immediately and continue until the positions are filled.

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Computer Science and the Institute.

Applicants should submit all their application material (CVs, lists of references, statement of objectives, etc.) electronically. See http://www.cs.jhu.edu/apply for instructions and guidelines. Please send email to apply@cs.jhu.edu for questions or clarifications or for any other technical issue.

Those applicants who cannot follow the above guidelines (e.g. do not have access to electronic facilities) are encouraged to make alternative arrangements (e.g. submission via hard copy) by contacting Faculty Search Committee, Department of Computer Science, Room 224 New Engineering Building, Johns Hopkins University, Baltimore, MD 21218-2694, Fax: (410) 516-6134, Phone: 410 516 8577, email: apply@cs.jhu.edu.

We encourage applications to be submitted as soon as possible; however, to ensure full consideration, complete applications (including the reference letters) should be received by February 1, 2002.

The Johns Hopkins University is an EEO/AA employer. Women and minorities are strongly encouraged to apply.

BROWN UNIVERSITY

The Division of Applied Mathematics at Brown University seeks applicants for a position at the Assistant or Associate Professor level, in the general areas of statistics and probability. See the Division web site at www.dam.brown.edu for a full posting.

Brown University is an Affirmative Action/Equal Opportunity employer. Women and minorities are encouraged to apply.

UNIVERSITY OF CALIFORNIA, RIVERSIDE

Marlan and Rosemary Bourns College of Engineering
Faculty Positions in Computer Science & Engineering

The University of California, Riverside invites applications for tenure-track or tenured faculty positions in the Department of Computer Science and Engineering for the 2002-2003 academic year. Applicants must have a Ph.D. in Computer Science or in a closely related field. Systems specialties such as architecture, compilers, embedded systems, VLSI, networking, security, databases, operating systems, computer graphics, and software engineering, as well as the area of computational biology are of particular interest, but applications are welcome in all areas of Computer Science. Senior candidates must have an exceptional research and teaching record. Junior candidates must show outstanding research and teaching potential. Salary will be competitive, and commensurate with appointment rank and qualifications. UC Riverside is the fastest-growing member of the nine-campus University of California System, widely regarded as the most distinguished system of public higher education in the United States. The CSE department has now grown rapidly to 21 full-time faculty, and expects to grow to about 40 over the next six years. The Campus- and College-wide expansion programs include a new state-of-the-art building soon to house the CSE and EE departments. Annual research expenditures in the College are close to $300k/year per faculty. The CSE department offers the B.S., M.S., and Ph.D. degrees. More information is available at http://www.cs.ucr.edu.

The city of Riverside, located about 60 miles away from Los Angeles, offers easy access to mountains, Pacific Ocean beaches, cultural activities, shopping, and other attractions. Applications and inquiries should be sent to:

Chair, Faculty Search Committee
Department of Computer Science and Engineering
University of California, Riverside, CA 92521-0304
(909)-787-5639
or by e-mail to: hire@cs.ucr.edu.

Applications must include curriculum vitae, list of publications, a statement of research and teaching objectives, and names and addresses of four references (junior candidates may have reference letters mailed directly to the department). Formal review of applications begins January 18, 2002, but positions will remain open until filled. Early applications are encouraged.

The University of California, Riverside is an Equal-Opportunity, Affirmative-Action Employer.

THE UNIVERSITY OF NORTH TEXAS

Tenured and Tenure Track Faculty Positions
Department of Computer Science

The Department of Computer Science at the University of North Texas invites applications and nominations for multiple faculty positions at all levels and all areas of Computer Science to start in Fall 2002. The University of North Texas is making substantial commitments to the growth of the Computer Science Department. The CS department is strongly committed to research and teaching excellence, and continued growth and increasing national visibility.

In addition, the State of Texas is making available supplemental funds based on research excellence to institutions of higher education in Texas. The University offers nationally competitive salaries and start-up funds.

Interested persons should send an application including a detailed curriculum vitae and have at least three letters of reference sent to: Faculty Search Committee, Department of Computer Science, P.O. Box 311366, Denton, Texas, 76203, or electronically to: faculty_search@cs.unt.edu.

The University of North Texas is an Equal Opportunity/Affirmative Action/ADA employer, committed to diversity in its faculty and educational programs.

More information about the department can be found at http://www.cs.unt.edu/jobs/.

TECHNOLOGY SOLUTIONS COMPANY

At TSC we are currently seeking talented Web Developers, SAP and Peoplesoft Developers to work on mission critical web based integration projects in a variety of industries.

Skills required: Java, JavaScript, Enterprise Java Beans, OO Methodologies, C++, XML full-life cycle integration experience, and Peoplesoft and SAP packaged software. These are full-time salaried positions.

At TSC, you have the opportunity to work side-by-side with world-class professionals, who roll up their sleeves and make a difference in our clients’ businesses.

Our consultants consist of creative technologies and thought leaders in Enterprise Resource Planning, Customer Interaction and Digital Supply Chain, who can bring the vision to reality. TSC builds and manages eBusiness solutions for our clients.

Please fax resumes with reference code “NovTSC” to (312) 228-4652.

EOE

COLORADO STATE UNIVERSITY

Tenure-Track Faculty Position
Department of Computer Science

The Department of Computer Science at Colorado State University solicits applications for a tenure-track faculty position, beginning Fall 2002. The appointment will be preferably made at the level of assistant professor, but appointment at a more senior level is also possible for candidates who can demonstrate a strong connection to ongoing department research. Applicants must have a Ph.D. in computer science, computer engineering, or a related field. Applicants will be expected to teach undergraduate and graduate courses, and they must demonstrate potential for excellence in research and teaching.

The Computer Science Department has over 700 undergraduate majors and 105 graduate students enrolled in Master’s and doctoral programs. The department currently has 17 tenure-track faculty, with strong research programs in artificial intelligence, software engineering, and parallel and distributed computation. Computer facilities are excellent, and there are ample opportunities for research collaborations with local industry.

Colorado State University, with an enrollment of 23,000 students, is located in Fort Collins, Colorado, an attractive

November 2001
community of over 100,000 people, at the base of the Front Range of the Rocky Mountains, 65 miles north of Denver. The northern Front Range offers a wide range of outdoor recreational activities. More information about the department and its research programs can be obtained from the department homepage at http://www.cs.colostate.edu.

Applicants should send a curriculum vitae and letters from at least three professional references to:
Faculty Search Committee
Computer Science Department
Colorado State University
601 South Howes, Room 211
Fort Collins, Colorado 80523-1873

Please include a statement indicating how your background and interests match the expectations of the position described above. The department’s telephone number is (970) 491-5862, Fax number is (970) 491-2466, and email inquiries should be directed to faculty-search@cs.colostate.edu. Screening of applications will begin January 1, 2002 and continue until the position is filled.

Colorado State University is an EEO/AA employer. Office of Equal Opportunity:
101 Student Services.

CALIFORNIA STATE UNIVERSITY, NORTHRIDGE
Electrical and Computer Engineering Department

The Department of Electrical and Computer Engineering at California State University, Northridge (ECE) seeks applications for a tenure-track faculty position at the assistant professor level effective Fall 2002. A Ph.D. in Computer Engineering or a closely related field is required; industrial experience and teaching experience are desirable. For position details please visit our web site at www.ecs.csun.edu/~ece/index.html.

UNIVERSITY OF SOUTH CAROLINA
NCR Chaired Professorship
Computer Science and Engineering

Applications are invited for the prestigious NCR Chair in Computer Science and Engineering. Candidates should hold a doctorate in computer science, computer engineering, or a closely related discipline. Candidates in any research area will be considered, although a preference exists for computer architecture. The University of South Carolina is especially interested in attracting a distinguished researcher who enjoys national and international recognition. The NCR Chair holder will be expected to establish a strong and vigorous research program in the department. This chaired professorship includes discretionary funds in addition to a competitive salary. The holder of the chair will have the opportunity to collaborate with the emerging technology companies in the greater southeast region.

The Department of Computer Science and Engineering is in the College of Engineering and Information Technology and offers BE, BS, ME, and Ph.D. degrees to about 650 undergraduate majors and 175 graduate students. The University of South Carolina is located in South Carolina’s capital and technology center and is the comprehensive graduate institution in the state, with an enrollment of more than 22,000 students. For more information, see http://www.cse.sc.edu/

Applicants should submit a curriculum vitae along with the names and addresses of four references to: NCR Chair Search Committee, Department of Computer Science and Engineering, University of South Carolina, Columbia, SC 29208. Electronic applications may be sent to search@cse.sc.edu and should clearly indicate application for the NCR Chair. Applications will be accepted until the position is filled.

The University of South Carolina is an affirmative action and equal opportunity employer.

ROCHESTER INSTITUTE OF TECHNOLOGY

The Computer Science Department invites applications for full-time tenure track positions. The department, part of the newly formed Golisano College of Computing and Information Sciences, offers an MS and CSAB-accredited BS degree in Computer Science. An important goal of the Institute and the College is to achieve diversity in the student body, faculty, staff, and administration. Applications from minorities, women, and other under-represented groups are especially encouraged. Applications should be prepared to participate in a department that emphasizes a strong commitment to teaching as well as to consistent professional development. While a Ph. D. in Computer Science or a related field is preferred, applicants having a Masters degree in C.S., relevant industrial experience will be considered. Teaching experience is highly desirable. Please submit a letter of interest, a statement of teaching philosophy, a current resume and the names of three references to: Search Committee, c/o Sandy Ferrara, Dept. of Computer Science, RIT, 102 Memorial Drive, Rochester, NY 14623-5608 email: hiring@cs.rit.edu. See a more complete description at http://www.cs.rit.edu/~csdept/search.

YORK UNIVERSITY
Faculty Positions in Computer Science and Engineering

York University is in the process of establishing new undergraduate programs in Engineering, including Computer Engineering. The Computer Engineering program is housed within the Department of Computer Science. The Department plans to fill two tenure-track positions in Computer Engineering, and one tenure-track position in Computer Science by July 1, 2002. Contractually-limited positions may also be available. All positions are subject to budgetary approval.

The Department plans to increase its overall strengths in Computer Science and Computer Engineering, and has particular interest in attracting faculty members in software and software systems, database systems, compilers and programming languages, parallel distributed
and concurrent algorithms and systems, networks, graphics, software engineering, computer engineering. Excellent candidates from all areas of Computer Science and Computer Engineering are encouraged to apply. A recent doctoral degree in Computer Science or Computer Engineering is required and the applicant must demonstrate strong potential for excellence in research and teaching at both the graduate and undergraduate levels. Applicants should identify for which positions (tenure-track or contractually limited, Computer Engineering or Computer Science) they are applying.

The Department of Computer Science at York includes over 35 faculty members, and has moved to a new Computer Science building in fall 2001. The department offers a full range of graduate and undergraduate programs. Located in Metropolitan Toronto, York University is the third largest university in Canada. For further information concerning the department and the positions see http://www.cs.yorku.ca.

York University has an Affirmative Action Program with respect to its faculty and librarian appointments. The designated groups are: women, racial/visible minorities, persons with disabilities and aboriginal peoples. Persons in these groups must self-identify in order to participate in the Affirmative Action Program. The Department of Computer Science welcomes applications from persons in these groups. The Affirmative Action Program can be found on York’s website at www.yorku.ca/acadjobs/index.htm or a copy can be obtained by calling the affirmative action office at 416-736-S713. Canadian citizens and permanent residents will be considered first for this position.

Applications with curriculum vitae and the names of four references should be addressed to either the Computer Science Search Committee Chair, or to the Computer Engineering Search Committee Chair, and mailed to:

Faculty Search Committee Chair
Department of Computer Science, Faculty of Pure and Applied Science
York University, 4700 Keele Street, Computer Science Bldg.,
Toronto ON, Canada M3J 1P3

Applications should be received by January 15, 2002 for appointments to be made by July 1, 2002.

ST. JOSEPH’S UNIVERSITY

The Department of Mathematics and Computer Science seeks applications for an anticipated tenure track assistant professorship. Candidates should have a Ph.D. in computer science or related discipline. Ability to teach courses at undergraduate and master’s levels is essential. Send hard copy application, including letter of application, curriculum vitae, and 3 letters of recommendation, one of which should address the candidate’s teaching skills, to Dr. Jonathan Hodgson, St. Joseph’s University, 5600 City Ave., Philadelphia, PA 19131. Deadline for applications is January 31, 2002. More information is available at http://wwwvacs.sju.edu/csposition2002.html. EOE W/D/V/M

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VIRGINIA TECH

Department of Computer Science
Visiting Faculty Positions in Computer Science

Virginia Tech’s Department of Computer Science seeks applicants for two one-year visiting positions to start January 2002. We are particularly interested in candidates with research and teaching interests in Internet computing, networking, and software engineering. Teaching load is negotiable.

The Computer Science program at the Northern Virginia Center (NVC) offers graduate education leading to the Master/Ph.D. of Computer Science. It is located in state-of-the-art facilities in suburban Washington DC, a bustling area with a high concentration of information technology companies, government and research funding agencies like the National Science Foundation. The NVC and the Blacksburg faculty form the department of Computer Science at Virginia Tech. The faculty work collaboratively on research and teaching through state-of-the-art teleconferencing facilities over the University’s Net.Work.Virginia.

Candidates must have a Ph.D. (or expect completion by date of appointment) in Computer Science or a closely related field. Applicants should send a curriculum vitae and contact information for three references to: Dr. Denis Gracanin, Department of Computer Science, 7654 Haycock Road, Falls Church, VA 22043. We invite electronic applications to <gracanin@vt.edu>. Review of candidates is ongoing and will continue until the position is filled. For more information, see <http://www.nvc.cs.vt.edu>.

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RUTGERS UNIVERSITY - CAMDEN

Department of Computer Science

The Department of Computer Science at Rutgers University - Camden invites applications for two tenure-track positions at the assistant professor level beginning September 2002. Primary consideration will be given to candidates whose research interests complement or augment existing strengths in the department. (Please see www.cs.camden.rutgers.edu for further information about the department.) We are particularly interested in candidates who work in the general area of algorithms and complexity, and in the theoretical foundations of information security, distributed computing, and graphics and visualization. However, strong candidates in other areas of computer science will be considered.

A Ph.D. in Computer Science is required. Salary is contingent upon qualifications.

Applicants should send a curriculum vitae, statement of research, statement of teaching interests/experience, and three letters of reference to:

Chair, Faculty Search Committee
Department of Computer Science
Penn and 3rd Streets
Rutgers University
Camden, NJ 08102

Review of applications will begin immediately and will continue until the positions are filled. Rutgers University is an Equal Opportunity and Affirmative Action Employer and strongly encourages applications from women and members of minority groups.

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UNIVERSITY OF UTAH

The department of Electrical and Computer Engineering, University of Utah, Salt Lake City, is seeking applications to fill one or possibly several tenure-track positions primarily at the assistant professor level. We will also entertain applications from outstanding applicants with significant academic and/or industrial experience for higher levels. We are particularly interested in candidates with expertise in computer engineering with emphasis on digital and analog VLSI circuits and VLSI CAD.

The department is expected to add several new positions in the near future in response to the State of Utah’s Technology Initiative. We will entertain applications in the general areas of VLSI design, high frequency electronic circuits and devices, wireless communications and signal processing and micro- and nano-scale systems in anticipation of new positions. Preference will be given in all positions to applicants who complement existing strengths within the department and the University of Utah community. Information on department research, teaching and service activities may be found on the web at www.ece.utah.edu. Faculty responsibilities include effective classroom teaching at the undergraduate and graduate levels, developing curricula and laboratories, and developing and maintaining a nationally recognized research program that complements current activities in the department and University.

Situated among three mountain ranges, the University of Utah offers its students, staff and faculty an excellent academic and research environment along with unparalleled access to outdoor recreation, professional arts and sports organizations, entertainment and other urban cultural activities. Salt Lake City has ranked at or near the top in several rankings of US cities based on the quality of life, business climate, and demographic data. Résumés with names and contact information for at least three references should be sent to Ms. Joann Hargis, Faculty Search Committee, Electrical and Computer Engineering Department, Merrill Engineering
TENNESSEE A&M UNIVERSITY
Dwight Look College of Engineering
Head Department of Computer Science

Texas A&M University invites nominations and applications for the position of Head of the Department of Computer Science. Texas A&M has long enjoyed national leadership status in engineering education. Today, the Dwight Look College of Engineering is one of the largest and best endowed in the nation, and it ranks among the top institutions in every significant national poll, including #11 in the recent US News and World report ranking.

The Department of Computer Science is one of the fastest-developing departments in the College. In recent years, it has built a strong national reputation based on the quality of its faculty and programs; recently, its undergraduate computer engineering program ranking has climbed to #17. The department offers B.S., Master’s and Ph.D. degrees in computer science and, jointly with the Department of Electrical Engineering, in computer engineering. The department has 28 tenured or tenure-track faculty, including five NSF PFI/CAREER award recipients, 10 lecturers, and roughly 500 graduate and 1300 undergraduate students. More information is available at http://www.cs.tamu.edu.

The Department Head will have the opportunity to guide the department through a period of major expansion. The Department has significant resources, including multiple open faculty positions and a $4.3M endowed chair. The University’s recently completed Vision 2020 strategic plan includes an emphasis on Information Technology and on major computing initiatives such as Bioinformatics; through the latter, the department has been awarded multiple positions split between Computer Science and other departments in the Life Sciences.

We are looking for an innovative thinker with a strategic vision for guiding the future growth of the department. Candidates should possess proven leadership and administrative skills, and an established reputation as a scholar consistent with an appointment to the rank of Professor of Computer Science with tenure. They should be committed to fostering current and future multi-disciplinary research and education initiatives as well as to strongly supporting existing departmental research strengths in artificial intelligence, bioinformatics, computational science, computer-aided design, computer-human interaction, computer engineering, digital libraries, distributed systems, graphics, hardware/software co-design, machine learning, mobile computing, parallel computing, quantum computing, real-time systems, robotics, software engineering, and theoretical computer science. More information is available at http://www.cs.tamu.edu.

Letters of application should include a full curriculum vitae and the names and addresses of at least five references. Applications will be accepted until the position is filled; screening will begin immediately. Nominations or applications should be sent to:

Computer Science Department Head
Search Committee

Texas A&M University
College Station, TX 77843-3112
e-mail: head_search@cs.tamu.edu

Applications from minority and women candidates are especially encouraged. Texas A&M University is an affirmative action/equal opportunity employer committed to diversity. The department welcomes applications from academic couples seeking to co-locate.

SAN FRANCISCO STATE UNIVERSITY
College of Business
Assistant/Associate Professors in Information Systems

Multiple tenure-track positions will be available for Fall 2001 to teach and do research in Information Systems, a program designed for undergraduate and graduate students in the College of Business. Current topics of instruction, all emphasizing applications within the business environment, include programming (Java, C++), Internet/Web application development, electronic commerce site development, database systems, data communications, client-server computing, multimedia application development, object-oriented application development, IS analysis/design, and IS management. Faculty are engaged in ongoing research programs in a variety of areas. Close proximity to Silicon Valley provide excellent opportunities for contacts with high-tech businesses. The program is supported by excellent computing facilities including a College of Business local area network connecting labs and offices, access to multiple campus servers, access to state-wide university computing facilities, meeting/decision room, and an advanced microcomputer lab for special projects.

San Francisco State University, a California State University (CSU) campus, serves a diverse student body in the liberal arts and professional programs. The University’s mission is to promote scholarship, human diversity, excellence in instruction and intellectual accomplishment; and provide broadly accessible higher education. SF State faculty are expected to be effective teachers and demonstrate professional achievement and growth through continued research, publication, and/or creative activities.

The positions require a PhD in IS or related field; business experience is desirable. Salary and rank are commensurate with education and experience. Send resume to: Dept. of Business Analysis; IS Search Committee; San Francisco State University; 1600 Holloway Avenue; San Francisco, CA 94132. Review of applications will begin during Fall 2001. We are
The University of Memphis is one of only two comprehensive public universities in the State of Tennessee and it is located in the largest urban center in the Mid-South. The Department of Electrical & Computer Engineering is now accepting applications for a tenure track position at the Assistant Professor level. Specific departmental need is in Computer Engineering or a closely related area. Successful applications will be required to teach at both the undergraduate and graduate levels, and to initiate and sustain externally funded research. An earned doctorate in Electrical Engineering, Computer Engineering or a related area is required. Interested applicants should send resumes to:

Faculty Search Committee
Department of Electrical & Computer Engineering
The University of Memphis
206 Engineering Science Bldg.
Memphis, TN 38152-3180

Screening of applicants will begin on January 15, 2002 and continue until available positions are filled.

The University of Memphis is an EEO/AA employer. Under represented minorities are encouraged to apply. Successful candidates must meet Immigration Reform Act criteria.

Old Dominion University
Computer Engineering

The Department of Electrical and Computer Engineering at Old Dominion University invites applications for one or more tenure-track faculty positions at the assistant or associate level in Computer Engineering beginning August, 2002. Those interested in model development, system and algorithm design, experimental design and execution, and simulation implementation are urged to apply. Consideration will also be given to candidates with a primary background in communications or digital signal processing but with a secondary background in computer engineering. An earned doctorate in electrical or computer engineering or computer science is required. Prior teaching experience is preferred. Advantages of Old Dominion University include convenient access to nearby DoD and NASA research facilities and several university research enterprise centers. Included among the research centers is the Virginia Modeling, Analysis and Simulation Center (VMASC), which focuses on research and development in modeling/simulation and visualization. Effective communication skills are required. Faculty duties include teaching at all levels and the establishment of a funded research program. More information about the department is available at www.ece.odu.edu. Review of applications begins December 1, 2001 and continues until the position is filled. Send a cover letter addressing your qualifications and a complete resume along with the names and phone numbers of three references to: Dr. Stephen A. Zahorian, Chairman, Department of Electrical and Computer Engineering, Old Dominion University, Norfolk, VA 23529-0246, Phone: (757)-683-3741, Fax: (757)-683-3220. Email: szahorian@odu.edu. Old Dominion University is an equal opportunity, affirmative action employer and requires compliance with the Immigration Reform and Control Act of 1986.

California State University, Hayward
Department of Mathematics and Computer Science
Faculty Positions in Computer Science

CSUH, located overlooking San Francisco Bay, invites applications for three tenure-track appointments in the Department of Mathematics and Computer Science. Positions are available at the Assistant Professor level, effective Fall 2002. Candidates must exhibit the potential for exceptional teaching, excellent research, leadership in curriculum development, and an interest in collaboration with industry. The Department offers both the B.S. and M.S in Computer Science; there is an interdisciplinary M.S. program in Telecommunication Systems. For full details of our programs and of the positions offered, consult http://www.mcscs.uh.edu. Email to: cnet-search@mcscs.uhedy.edu

Computer Networks (Position #09-00 MCS-NETWORKS-TT): Ph.D. in Computer Science (or closely related field). Areas of technical expertise must include analysis, design, or implementation of data communication networks and distributed systems. Mail to: Computer Networks Search Committee. Email to: cnet-search@mcscs.uh.edu

Computer Science (Position #02-03 MCS-COMPSCI-TT): Ph.D. in Computer Science (or closely related field). Open to all areas of specialization in software development, but preference may be given to those with expertise in software design and implementation, object-oriented methodologies, web-based technologies, database applications, algorithms, or theory. Mail to: Computer Science Search Committee. Email to: c-s-search@mcs.csuhayward.edu

Computer Engineering (Position #02-03 MCS-COMPENG-TT): Ph.D. in Computer Engineering (or closely related field). Preference may be given to those with expertise in architecture of high-speed digital networks, VLSI design methodologies, embedded systems, or hardware/software codesign and verification. Mail to: Computer Engineering Search Committee. Email to: ceng-search@mcs.csuhayward.edu

Send resume and arrange to have three letters of reference sent to the appropriate search committee at Dept. of Math/CS; CSU Hayward; 25800 Carlos Bee Blvd.; Hayward, CA 94542-3092. Review of applications will begin December 1, 2002. CSUH, situated close to Berkeley, San Jose, and San Francisco, is an EOE and is committed to its mission of "Educational excellence for a diverse society."

Washburn University
Computer Information Sciences
Faculty Position

Washburn University’s Computer Information Sciences Department invites applications for tenure track Assistant Professor position beginning January or August 2002. QUALIFICATIONS: Master’s degree in Computer Science/Information Systems required, Ph.D. in Computer Science or closely related field preferred. RESPONSIBILITIES: scholarly activity, service, teaching in two of following areas: database management systems, object oriented programming, operating systems, computer networking, fundamentals of computer programming. For additional information and description of CIS Department visit www.washburn.edu/cas/cis. Review of applications begins immediately and continues until suitable candidate identified. Send application letter, curriculum vita, copies of transcripts, names/addresses/phone numbers of three references to Bruce Mechtly, Search Committee Chair, CIS Department, Washburn University, 1700 SW College Ave., Topeka, KS, 66621, zzmehck@washburn.edu. To enrich education through diversity, Washburn University is an EOE. Candidates from under-represented groups are encouraged to apply. www.washburn.edu

University of California, Davis
Faculty Positions in Electrical and Computer Engineering

The Department of Electrical and Computer Engineering at UC Davis seeks outstanding faculty candidates for up to five open tenure track positions in the following broad areas of Electrical and Computer Engineering. 

• Computer engineering: all fields, including embedded systems, computer networking, digital VLSI systems and CAD tools, synthesis for low-power, and real-time systems. For all specializations, a balance between practice and fundamental interests is expected.

• Systems and technologies for next generation networks: all fields, including broadband analog, mixed signal and high-speed digital circuits and systems, high speed solid-state electronic systems and devices, digital signal processing systems, RF and microwave circuits and devices and terabit optoelectronic cooking.
MONTCLAIR STATE UNIVERSITY
Dept. of Computer Science
Assistant Professor in Informatics
for Tenure Track Position

The Department of Computer Science invites applications for a tenure-track assistant professor in Informatics starting September 1, 2002. The Department’s 12 faculty support the BS with a CSAC accredited track and the MS in Computer Science. Qualifications include work with Object Oriented technology with C++ or Java, modern architecture (RISC) and UNIX, commitment to teach a rich variety of computer science courses to ethnically diverse students, and a PhD in Computer Science or a closely related area. Candidates must have interdisciplinary research or significant experience in computer science and science, e.g., biology, chemistry, or earth and environmental sciences, or computer science in database systems or data mining. Faculty are expected to have an ongoing research plan, to commit to quality teaching, to be involved in professional activities, and to pursue grants. Screening begins immediately and continues until the positions are filled. Montclair State University is an Equal Opportunity/Affirmative Action Employer.

LONG ISLAND UNIVERSITY/
BROOKLYN CAMPUS
Computer Science

Applications and/or nominations from experienced leaders are invited for the position of Chair of the future department of Computer Science. Required qualifications include a Ph.D. in computer science, or closely related field, an active research program, and potential for excellence in strengthening the Division’s research, teaching, and outreach programs. The University is fully committed to substantial growth of the Division into a full department in the near future. Further information about us can be found at www.cs.memphis.edu. Review will begin on January 30, 2002 and will continue until the position is filled, subject to budgetary approvals.

NEC RESEARCH INSTITUTE

The NEC Research Institute (NECI), founded twelve years ago, has as its mission basic research in Computer Science and Physical Sciences underlying future technologies relevant to NEC. The Institute has research programs in theory, machine learning, computer vision, computational linguistics, web characterization and applications, bioinformatics, as well as research activities in Physical Sciences.

NECI is soliciting applications for full time Research Scientists in Computer Science. In addition to enhancing its current research efforts, NECI also plans to establish a group in distributed systems. Although these areas are preferred, NECI will consider exceptional applicants from other areas of computer science.

NECI offers unique and unusual...
opportunities to its scientists including great freedom in deciding basic research directions and projects; budgets for research, travel, equipment, and support staff that are directly controlled by principal researchers; and publication of all research results in the open literature. The Institute's laboratories are state-of-the-art and include several high-end parallel compute servers. NECI has close ties with outstanding research universities in and outside the Princeton area and with NEC's Central Research Laboratory (CRL) in Japan. Collaborations with university and CRL research groups are encouraged.

Full applications should include resumes, copies of selected publications, names of at least three references, and a two-page statement of proposed research directions. Applications will be reviewed beginning January 1, 2002. NECI is an equal opportunity employer. For more details about NECI, please see http://www.neci.nj.nec.com.

Please send applications or inquiries to:

CS Search Committee Chair
NEC Research Institute
4 Independence Way
Princeton, NJ 08540
Email: compsci-candidates@research.nj.nec.com

INDIANA UNIVERSITY PURDUE UNIVERSITY AT INDIANAPOLIS

The Department of Electrical and Computer Engineering, Purdue School of Engineering and Technology, Indiana University Purdue University at Indianapolis (IUPUI), invites applications for two tenure-track faculty positions. An earned doctorate is required. Candidates should expect to teach undergraduate and graduate courses, advise students, and conduct research in their field of specialization. Strong candidates in all areas of computer engineering are encouraged to apply. Preference will be given to computer engineering applicants in the areas of embedded systems, software engineering, computer architecture, distributed computing, VLSI and operating systems.

Faculty will be able to participate in inter-disciplinary activities that involve other schools such as the School of Medicine and the School of Dentistry. IUPUI faculty members also have the opportunity to participate in Industrial collaboration with major companies located in Indiana such as Eli Lilly and Company, Thomson Consumer Electronics, Dow AgroSciences, Ford Motor Company and Cummins Engine Company. Additional information about the department can be found http://www.engr.iupui.edu/. Email and phone inquiry are also welcome.

Applications received before January 15, 2002 will receive full consideration, however applications will be accepted until the positions are filled. Send a resume, including a statement of research and teaching interests and a list of at least three references, to:

Dr. Zina Ben-Miled, Department of Electrical and Computer Engineering 723 West Michigan Street, Indianapolis, Indiana 46202-5160 Ph (317) 278-3317 email: zmiled@iupui.edu

Women and minority candidates are encouraged to apply. IUPUI is an equal Opportunity/Affirmative Action Institution and affords reasonable accommodations to persons with disabilities.

WEST VIRGINIA UNIVERSITY
College of Engineering and Mineral Resources
Lane Department of Computer Science and Electrical Engineering

LANE CHAIR IN COMPUTER SCIENCE

The Lane Department of Computer Science and Electrical Engineering at West Virginia University (WVU) is conducting a search for an appointment to the newly established Lane Chair in Computer Science. Applications are invited from the academic, governmental, and private sectors. The individual appointed to the Lane Chair will be a distinguished scholar with an outstanding record of ongoing research at the forefronts of computer science and engineering. In addition, he or she will have a strong commitment to undergraduate and graduate education. Preference will be given to a leader who will build successful interdisciplinary teams to advance new paradigms in research and education.

Applicants must have an earned Ph.D. in CS, CE, EE or a closely related discipline. The successful candidate must present a distinguished record of research and scholarship, teaching, and service sufficient to support appointment as a tenured faculty member at the full professor level. Salary will be commensurate with the track record of the successful candidate. Review of applications will begin January 1, 2002. The search will continue until the position is filled. Women and minorities are encouraged to apply.

The Lane Department offers BS, MS, and Ph.D. degrees in computer science, computer engineering, and electrical engineering; a BS in Biometric Systems and an MS degree in software engineering (SE). The department has 30 tenure-track faculty members, over 500 undergraduate, and over 200 graduate students. Recently it was designated as a Center of Excellence in Information Assurance Education by the US National Security Agency. Major funded research programs include software IV&V, information assurance, biometrics, biosignals, nano/microelectronics and systems, power, and wireless networks. The Lane Department is leading WVU's new inter-disciplinary initiative focusing on emerging systems at the intersection of the triad of bio-, nano-, and information technologies, and developing an NSF center in biometrics (CiTeR).

See our website (www.ece.wvu.edu) for more information on these activities including the Morgantown's numerous federal R&D facilities, high tech growth, and our nationally ranked quality of life. Applicants should send a letter describing their qualifications, a curriculum vitae, statements of teaching philosophy and research objectives, and the names, addresses, and e-mails of 5 references to:

Dr. Wils L. Cooley, Lane Professor Search Committee
Lane Department of Computer Science and Electrical Engineering
West Virginia University
P.O. Box 6109
Morgantown, WV 26506-6109
cooley@csee.wvu.edu
Tel: 304-293-0405x2527 or 304-293-LANE

West Virginia University is an Equal Opportunity/Affirmative Action employer.

SUNY AT STONY BROOK
Computer Science Department

The Computer Science Department of SUNY Stony Brook has several tenure-track faculty positions for either spring 2002 or fall 2002. We are particularly but not exclusively interested in receiving applications from junior candidates in experimental computer systems (e.g., networking, mobile computing, Internet systems, operating system, computer architecture), Information systems, graphics, and computer-human interaction. We are also interested in senior applications specifically in wireless/mobile networking area.

The Department currently has 39 faculty members and is expected to recruit additional members in the next few years. There are five main active research areas in the department: graphics/visualization, logic programming/database, concurrency/verification, computer systems, and algorithms. Detailed information on the research activities of these groups can be found in the department home page: www.cs.sunysb.edu.

The Department is in a stage of significant expansion, including a new Computer Science building, along with a New York State Center of Excellence in Information Technology and the Wireless Internet. The Department is also associated with a new Center for Data-intensive Computing at the neighboring Brookhaven National Laboratory that emphasizes data mining, visualization, parallel and distributed computing and networking, and modeling and simulation.

Stony Brook enjoys close proximity to both New York City and Long Island's majestic ocean beaches. Its school districts are highly ranked nationally. Opportunities for industrial collaborations abound with many high-profile IT companies close by. Moreover, the Computer Science Department offers a congenial working environment.

Applicants should have a Ph.D. in Computer Science or a related discipline.
For the Information Systems positions, industrial experience and an MBA are considered desirable. Please send a detailed resume, the names of at least three references, and three publications to Chair of Faculty Recruiting Committee, Computer Science Department, SUNY at Stony Brook, Stony Brook, NY 11794-4400. Telephone: (631) 632-8470; and have at least three reference letters sent to the same address. Letters may also be sent to recruit@cs.sunysb.edu. In addition, please e-mail to the same address a URL pointing to your online resume and publications. Review of applications will begin October 15, 2001 and will continue until the positions are filled. Applications from women and minorities are particularly sought. Stony Brook is an affirmative action/equal opportunity educator and employer.

STAFF ENGINEERS

Bachelor's degree in Elec Engr, Comp Sci or related field req. Send ad w/resume to: Valence Semiconductor, 41 Discovery, Irvine, CA 92618.

COLUMBIA UNIVERSITY

Department of Computer Science

The Department of Computer Science anticipates filling several tenure-track positions, as well as at least one non tenure-track position with length of service up to seven years. We invite applications from exceptional candidates at all ranks and in all areas, but especially in information systems, networking, software, theory, computer engineering, human-computer interaction, and computer graphics.

Our department of 23 tenure-track faculty and 5 non-tenure-track staff emphasizes excellence in research and teaching and attracts excellent Ph.D. students, virtually all of whom are fully supported by research grants. We have close ties to the nearby research laboratories of AT&T, IBM, Lucent, Siemens, Verizon, Telcordia Technologies, NEC, and other leading industrial companies, including the startup companies of Manhattan's Silicon Alley and the financial companies of Wall Street. Columbia University is one of the leading research universities in the United States, and New York City is one of the cultural, financial, and communications capitals of the world. Columbia's enclosed campus of tree-lined walks is located in Morningside Heights on the Upper West Side.

All applicants should have a Ph.D. in a relevant field. Applicants for tenure-track assistant professor should exhibit exceptional research promise, while those seeking a more senior position should have an outstanding record of research achievement. Applicants for non-tenure track position should exhibit exceptional teaching skills, as well as strong research promise.

Applicants should submit summaries of research and teaching interests, CV, email address, and the names and email addresses of at least three references by filing an online application at http://www.cs.columbia.edu/recruit. Review of applications will begin on December 1, 2001 and will continue until all positions are filled. AA/EEO.

UNIVERSITY OF NOTRE DAME

Faculty Positions in Computer Science and Engineering

The Department of Computer Science and Engineering at the University of Notre Dame (http://www.cse.nd.edu) invites applications for tenure-track faculty positions. Ranks and areas of research specialty are open. Qualifications include an earned Ph.D. in computer science, computer engineering, or a related field, evidence of the ability to develop and/or sustain an active research program, and a sincere interest in quality teaching at the undergraduate and graduate levels. Appointments to chaired professorships may be available for exceptionally qualified candidates.

Notre Dame was ranked 19th among doctoral universities by US News and World Report in 2001. The average SAT score for entering students across the University as a whole approaches 1350. Notre Dame's heritage is unique among top-ranked national universities, resulting in a distinctive character of campus life.

Screening of applications will begin on December 1, 2001 and continue until the positions are filled. Applicants should send a cover letter, a curriculum vita, a statement of research interests, a statement of teaching interests, and the names and addresses of at least three references to Chair, Faculty Search Committee, Department of Computer Science and Engineering, 384 Fitzpatrick Hall, University of Notre Dame, Notre Dame, IN 46556, USA.

NORTHEASTERN UNIVERSITY

College of Computer Science

Boston, Massachusetts

The College of Computer Science invites applications for one or more tenure-track faculty positions at the Assistant or Associate Professor level beginning in Summer or Fall 2002. Starting dates in Winter or Spring 2002 will be considered. Candidates will be considered from all major disciplines of computer science. A Ph.D. in computer science or related field is required.

The College of Computer Science of Northeastern University maintains a strong research program with significant funding from the major federal research agencies and private industry. It has particular strengths in programming languages and software engineering, distributed computing, cryptography and networks, databases, and artificial intelligence.

The College has a diverse full-time faculty of 23, with approximately 575
undergraduates, 150 Masters students and 35 Ph.D. students. In addition to these degrees in Computer Science, the College offers an innovative B.S. program in Information Science, combining traditional computer science with relevant material from business and the social sciences in an integrated program that focuses on the interaction between information, computers, and people.

Located on the Avenue of the Arts in Boston's historic Back Bay, the College takes advantage of its location to foster collaborations with other institutions in the greater Boston area.

Please send a resume, statement of research interests, and three letters of recommendation to: Faculty Hiring Committee; College of Computer Science; 161 Cullinane Hall; Northeastern University; Boston, Massachusetts 02115. Screening of applications begins immediately and will continue until the search is completed. For further information, send e-mail to hiring@ccs.neu.edu or see http://www.ccs.neu.edu/hiring. Electronic submission of documents is encouraged; see the web page for details.

Northeastern University is an Equal Opportunity/Affirmative Action Employer. We strongly encourage applications from women and minorities.

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**MARSHALL UNIVERSITY**

Marshall University's College of Information Technology and Engineering invites applications for tenure-track positions in information systems and technology management; rank open; positions currently available. There is also interest in filling the role of Chair of the Division of Information Technology and Technology Management. Please see www.marshall.edu/cite/Pages/jobiSPProf.htm for further details. Marshall is committed to providing equal opportunities to all candidates and employees.

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**THE UNIVERSITY OF ROCHESTER**

The University of Rochester, Department of Electrical and Computer Engineering, invites applications for two tenure-track positions in information systems and technology management; rank open; positions currently available. There is also interest in filling the role of Chair of the Division of Information Technology and Technology Management. Please see www.marshall.edu/cite/Pages/jobiSPProf.htm for further details. Marshall is committed to providing equal opportunities to all candidates and employees.

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**THE UNIVERSITY OF TEXAS AT TYLER**

The Electrical Engineering Department invites applications for a tenure-track assistant professor position. The appointment will begin August 2002. A Ph.D. in Computer Science is required by the time of employment. All areas of specialization will be considered; preferred areas include architecture, networking-telecommunications, operating systems and software engineering. Demonstrated English communications skills and evidence of a commitment to excellence in teaching, research, scholarship and service are required. Salary is competitive.

UT Tyler is a component of The University of Texas System and is located in the beautiful East Texas lake country on the I-20 corridor, about 90 miles east of Dallas. Tyler was ranked by the Milken Institute in 1999 as the 2nd fastest growing high-tech region in Texas and the 14th fastest growing high-tech city in the nation. Information about the university and department, as well as the city of Tyler may be found at www.uttyler.edu. Send a letter of application, vita, and names and contact information of three references to Dr. Ronald S. King, Chair, Department of Computer Science, UT Tyler, 3900 University Blvd., Tyler, TX. 75799. UT Tyler is an EEO/AA employer. Women and minorities are strongly encouraged to apply. The successful candidate must provide valid documentation of the right to work in the United States.

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**CLARK UNIVERSITY**

Open rank tenure track positions in Computer Science. We invite applications for two positions starting Fall 2002. Candidates must have a Ph.D. in Computer Science or closely related field at the time of appointment; and must demonstrate excellence in research and a commitment to high quality undergraduate teaching. Exceptional candidates from any area of research in Computer Science will be considered. A successful senior candidate will be expected to provide leadership in a growing Computer Science program and pursue an active externally funded research program. Clark's location in central Massachusetts offers numerous opportunities for interaction and collaboration with colleagues at neighboring institutions. Additional information on the department and the university is available at www.cs.clarku.edu. Clark is an AA/EOE. Women and minorities are especially encouraged to apply.

Review of applications will begin January 1, 2002 and will continue until the positions are filled. To apply, please send CV, a detailed statement of professional experience, research and teaching interests, and at least three references to: Philip L. Fauchet, Chair, Department of Electrical and Computer Engineering, University of Rochester, Rochester, NY 14627-0231. The U of R is an Equal Opportunity Employer.

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**TEXAS A&M UNIVERSITY**

The Electrical Engineering Department expects to have several openings for tenure track faculty at all ranks. Applicants must have a Ph.D. or equivalent degree, or completion of all requirements by date of hire. For senior positions, applicants should have a proven record of scholarly contributions, and for junior positions, demonstrated potential for quality research and teaching. The salary is competitive and commensurate with qualifications and experience. Applicants are sought in the following area:

- Computer Engineering: Computer Networks, Multimedia, Computer Architecture, Parallel Processing, Software Testing, Design Automation

Applicants should send a complete resume, including names and addresses of three references to Dr. Chanan Singh, Department Head, Electrical Engineering, Texas A&M University, College Station, TX 77843-3128. The Electrical Engineering Department at Texas A&M University is ranked among the top 25 percent of all programs in the nation according to the 1994 NRC survey on scholarly quality.

Texas A&M University is an equal opportunity/affirmative action employer and actively seeks the candidacy of women and minorities.

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**Duplicate listing on www.computer.org**

November 2001