NORTHERN ARIZONA UNIVERSITY
Computer Science and Engineering
Department Chair

The Computer Science and Engineering Department at Northern Arizona University in Flagstaff, AZ is searching for a new Department Chair, to begin July 1, 2002. See www.cet.nau.edu for more information on NAU, the College of Engineering, the CSE department, and this position, including application procedure. Review of applications will begin February 1, 2002 and will continue until the position is filled. NAU is an AA/EEO employer.

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, program analysis and real time systems.

The University of Pennsylvania Computer Science 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.

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 of computer science will be considered. Areas of particular interest include security, networking and distributed systems, scientific computing, and software engineering.

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 plan for future growth which is strongly supported by the higher administration. This plan includes a new building expected to be operational in 2002 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 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 especially encouraged to apply.

INDIANA UNIVERSITY
Faculty Positions

The Indiana University 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 work-

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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. ON-LINE: 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 to 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.
ing 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 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

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.

Applicants 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 interdisciplinary 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 unavoidable, 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.

UNIVERSITY OF SAN FRANCISCO

The Department of Computer Science at the University of San Francisco (USF) invites applications for a full-time tenure-track position at the Assistant Professor level, to begin Fall 2002. Further details on the position are available online at http://www.cs.usfca.edu/job.html. USF is an AAEOE.

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 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.

The Department of Computer Science strongly encourages applications from women and minorities.

Applications incorporating a detailed C.V. including reference letters should be mailed/faxed/e-mailed to:

The Manager
Etisalat College of Engineering
P.O. Box 980, Sharjah,
United Arab Emirates
Fax No.: +971 6 5611789
E-mail: mec@ece.ac.ae
Website: http://www.ece.ac.ae

January 2002
THE UNIVERSITY OF HONG KONG

The University of Hong Kong is a leading international comprehensive research university in the Asia-Pacific region, with more than 100 teaching departments and sub-divisions of studies and learning, and more than 60 research institutes and centres. There is currently an enrolment of more than 17,000 students (6,500 at postgraduate level). Research students are from more than 48 countries. The medium of instruction is English. The University is committed to its vision of globalisation, together with excellence in scholarship and research.

Assistant Professor
in the Department of Computer Science and Information Systems

Applications are invited for appointment as Assistant Professor in the Department of Computer Science and Information Systems (Ref: RF-20012002-137), tenable from 1 September 2002. The appointment will initially be made on a two- to three-year fixed-term basis, with the possibility of renewal.

We are a forward-looking department committed to playing a leading role in the software and information technology initiative in Hong Kong and the Asia-Pacific region. Our department is now in the process of developing new academic programmes and updating current ones so as to meet the increasing global demand for high-quality graduates. We are looking for candidates who wish to face this challenge.

Applicants should have a PhD degree in Computer Science, Computer Engineering, or related fields, and a strong interest in research and teaching. A solid track record in research is essential. Preference will be given to those working in the areas of software engineering, database engineering, Internet technologies, mobile computing and electronic commerce.

Annual salaries, attracting contract-end gratuity and University contribution to a retirement benefits scheme, totalling up to 15% of basic salary, for an Assistant Professor (in the grade of Lecturer) are on an 11-point scale, with starting salary depending on qualifications and experience: HK$581,940 - HK$972,180* (approx. £31,453 - £53,320*); starting equivalents as at 30 November 2001. *An appointee with an annual salary of HK$777,600 (approx. £88,723) or above may be considered for the award of the title of Associate Professor on the basis of academic merits and achievements.

At current rates, salary tax does not exceed 15% of gross income. The appointment carries leave, medical and dental benefits, and where appropriate, a taxable financial subsidy under the Home Financing Scheme for reimbursing either the actual rental payment or the mortgage repayment up to the relevant maximum entitlement.

Further particulars and application forms can be obtained at http://www.hku.hk/apptunit/; or from the Appointments Unit (Senior), Registry, The University of Hong Kong, Hong Kong (FAX: (852) 2540 6735 or 2559 2005; E-mail: apptunit@reg.hku.hk). Closes 16 February 2002.

The University is an equal opportunity employer and enjoys a smoke-free environment.
Lecturer in Computer Science

We are one of the leading research based universities in the UK located at the heart of one of Europe’s largest concentrations of high-technology industry. Our Computer Science Department is an international centre of excellence in research and has expanded rapidly over the last five years. Following the appointment of Professor Dhiraj Pradhan, the Department intends to appoint a new lecturer to strengthen its rapidly growing research and teaching programme in CAD, Verification, Design & Test, Fault-tolerance and related areas. Given the research nature of the department, this position provides significant opportunities for research as well as undergraduate teaching. Salary range £20,267-£32,215 per annum. Further information can be found at our website http://www.cs.bristol.ac.uk Informal enquiries can be made to Professor Dhiraj Pradhan by e-mail, pradhan@cs.bristol.ac.uk or telephone (0117) 954 5132.

For further details telephone (0117) 954 6947, minicom (0117) 928 8894 or e-mail recruitment@bristol.ac.uk (stating postal address ONLY) quoting reference 8047. Electronic applications must include an “APPLICATION FORM FOR AN ACADEMIC VACANCY”, found at http://www.bristol.ac.uk/Depts/Personnel/recruit.htm

The closing date for applications is 9.00am, 15th March 2002.

AN EQUAL OPPORTUNITIES EMPLOYER www.bristol.ac.uk

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Head, School of Electrical and Computer Engineering
Purdue University

Purdue University invites applications and nominations for the position of Head of the School of Electrical and Computer Engineering. Purdue’s new strategic plan calls for preeminence in Engineering. The President and his administration have announced major new investments in Engineering. The School of Electrical and Computer Engineering seeks a dynamic head to work with the new administration – President, Provost, and Dean of Engineering – to lead the School to a new level of excellence and visibility.

The Head must qualify for an appointment as a tenured full professor in the School of Electrical and Computer Engineering; have a distinguished record of achievement; exhibit strong qualities of leadership and ability to work with diverse groups; and have the vision and skills to lead the School in its goals of preeminence in research, education, and engagement.

The School of Electrical and Computer Engineering has 70 faculty members, 62 staff members, over 1100 undergraduates, and over 450 graduate students. The School offers BSEE, BCompE, Masters, and Ph.D. degrees. Its educational and research programs span the fields of electrical and computer engineering. Both the graduate and undergraduate programs consistently rank in the top 10 in the U.S. Sponsored research expenditures in FY 2000 exceeded $14.5M.

Applicants should provide a full professional resume, a statement of interest and vision, and the names and addresses of at least five references. The Search Committee will begin reviewing applications on December 1, 2001 and will continue until the position has been filled. The committee encourages nominations and applications from candidates who are members of underrepresented groups. Send applications and nominations to:

Professor Leah H. Jamieson, Chair
Electrical and Computer Engineering Head Search Committee
Purdue University
1285 Electrical Engineering Building
West Lafayette, IN 47907-1285
765-494-3633
ecearch@ecn.purdue.edu

Information about the School may be found at http://www.purdue.edu/ECE. Purdue University is an Affirmative Action/Equal Opportunity Employer.

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Chaired Faculty Positions
Wireless Communications and Networking

The Department of Computer Science & Engineering (CS&E), the Department of Electrical & Computer Engineering (ECE), and the Digital Technology Center (DTC) at the University of Minnesota invite applications for four faculty positions with endowed chairs (three ADC Telecommunications chairs and one Qwest chair). The appointments will be at the rank of Associate or Full Professor with tenure in one of these departments, or potentially in related disciplines represented within the DTC. Areas of interest span all aspects of wireless and mobile communications, networking, multimedia distribution, distributed computing, and storage. Applicants must possess a distinguished research record, demonstrated ability in establishing and leading a highly visible research program, and a commitment to teaching at the graduate and undergraduate levels. A Ph.D. in a relevant discipline is required.

The appointment will afford the right individuals the opportunity, resources, and flexibility to build a top-notch research program. In addition to these four chaired faculty positions, several positions are available in the CS&E and ECE departments as part of the “digital technology initiative.” This initiative affirms the strong commitment of the State of Minnesota in strengthening the University as a leader in the area of digital technology. Construction is now underway on a $56.6 million University-wide Digital Technology Center, funded by the State of Minnesota, in which ECE, CS&E, and the outstanding new faculty members will play a major role. The DTC will be the home for the University of Minnesota Supercomputing Institute, the Laboratory for Computational Science and Engineering, the Telecommunications and Advanced Networking Laboratory, and a Software Engineering and Internet Technologies Laboratory. The four new chaired faculty will find that DTC offers tremendous opportunities for collaborative and interdisciplinary research. For more information about the CS&E and ECE Departments, please visit their World Wide Web home pages at www.cs.umn.edu, and www.ece.umn.edu/information/employment/ece/faculty/.

Applicants should submit a curriculum vitae and the names of at least three references to:

Prof. G. B. Giannakis, DTC Search Committee Chair
c/o Amin Johns, Assistant Director for Human Resources
University of Minnesota Digital Technology Center
509 Walter Library, 117 Pleasant St. SE
Minneapolis, MN 55455

Review of completed applications will begin February 1, 2002, with the search remaining open until the positions are filled.

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University of Minnesota
The University of Minnesota is an equal opportunity educator and employer.
NEW TENURE-TRACK FACULTY POSITIONS

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.

Applicants should send a letter of application, curriculum vitae, research statement, teaching statement, and the names of at least three references to:

Victor Milenkovic, 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@cs.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 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 new tenure-track positions in all areas of Computer Science and 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 welcome 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.

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 relocate 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 promising 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 con-
enjoy equal opportunity and affirmative action consideration. Washington University is committed to making all opportunities available to qualified applicants, regardless of race, color, national origin, sex, age, disability, marital status, sexual orientation, or other legally protected status. Women and minorities are especially welcomed to apply for the position.

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 are preferred. All other communications should be directed to Dr. C. Arthur F. 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 qualified applicants for all positions and is committed to the employment of minorities. More information is available at: http://www.cs Loyola.edu.

Masters of the Computer Science Department with a Computer Science concentration are 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. C. Arthur F. Delcher, Computer Science Department, Loyola College in Maryland, 4501 North Charles St., Baltimore, MD 21210. 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.

LOYOLA COLLEGE IN MARYLAND

The computer science department invites applications for several tenure-track positions at the rank of Assistant Professor to begin in Fall, 2002. We seek an enthusiastic individual, committed to excellent teaching and continued scholarship. 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 an equal opportunity/affirmative action employer. Women and members of minority groups are especially welcome to apply for the position.

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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 (SIST) is possible in areas such as Databases, Internet Computing, Mobile Computing, Security/Privacy, and User Interfaces.

Applications 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 and additional startup 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 bioinformatics. 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 under-graduate 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 inhabi-tants 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 popula-tion 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 operat-ed by three major airlines out of State College.

Applications should be received by January 31, 2002 to receive full consider-ation. 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
Department of Computer Science and Engineering
220 Pond Laboratory, Box CRN 110
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 Oppor-tunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

THE OHIO STATE UNIVERSITY
Department of Computer and Information Science

The Department of Computer and Information Science invites applications for at least six tenured or tenure-track positions. Areas of primary interest include, but are not limited to, artificial intelligence (including speech and language processing, vision, and machine learning), graphics (including visualization, computer animation, geometric modeling and meshing), human-com-puter interaction, networking (including mobile computing and network securit-y/dependability), software engineering (including component-based software, formal methods, and programming lan-guages), and systems (including operat-ing systems, data-intensive computing, grid computing, network-based comput-ing, parallel systems, distributed comput-ing, and scientific computing).

Appointments at all ranks will be con-sidered. Applicants for an assistant pro-fessor position should hold or be com-pleting a Ph.D. in computer science or a closely related field, and have a commit-ment to excellent research and quality teaching. Applicants for a senior position should also demonstrate a strong record of external funding and impact on their field.

The department maintains active col-laborative relationships with the Ohio Supercomputer Center, Advanced Computing Center for the Arts and Design, Cognitive Science Center, and many other centers and departments in the university. To apply, please send a curriculum vita, along with a cover letter, by e-mail to: fsearch@cis.ohio-state.edu or by mail to:

Chair, Faculty Search Committee
Department of Computer and Information Science
The Ohio State University
2015 Neil Avenue, DL395
Columbus, OH 43210-1277

Review of applications will begin immediately and will continue until the positions are filled. For additional infor-mation please see http://www.cis.ohio-state.edu.

The Ohio State University is an Equal Opportunity/Affirmative Action Employ-er. Qualified women, minorities, and individuals with disabilities are encour-aged to apply.

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 cours-es 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 doc-torate or be ABD (an earned doctorate must be received by January 1, 2003) in Computer Science, Computer Engineer-ing, 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 con-trIBUTE to the department’s core curricu-lum. Expertise in software engineering, object-oriented analysis/design, comput-er security, Internet computing, operat-ing systems, networking, or electrical/computer engineering is considered an asset. Regional industries are well known for development of supercomputer sys-tems, printed circuit boards, chips, and other related systems, thus an applicant’s potential to develop a computer/electri-cal engineering curriculum will also be considered an asset. Salaries are compet-itive and are commensurate with educa-tion and experience. Rank depends on experience and qualifications.

The University offers competitive salaries and start-up funds.

Interested persons should send an application including a detailed curricu-lum vitae and at least three letters of refe-rences 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 depart-ment can be found at http://www.cs.unt.edu/jobs/.

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 curricu-lum vitae and 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.

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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 the undergraduate and graduate levels is essential. Send hard copy applications, including letter of application, curriculum vitae, and 3 letters of recommendation, 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://wwwmacs.sju.edu/csposition2002.html. EOE W/D/V/M

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 sensor micro- and nano-scale systems in anticipation of these 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 Building, 50 South Central Campus Drive, Room 3280, Salt Lake City, UT 84112-9206. Applications will be reviewed starting November 1, 2001, and will be accepted until the positions are filled. The University is an AA/EO employer, encourages applications from women and minorities, and provides reasonable accommodations for known disabilities of applicants and employees.

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 speciality 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. Promotions 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 qualified to comment on the applicant’s qualifications either to faculty-search@cse.nd.edu, or to Chair, Department of Computer Science and Engineering, 384 Fitzpatrick Hall, University of Notre Dame, Notre Dame, IN 46556, USA

THE UNIVERSITY OF ROCHESTER

The University of Rochester, Department of Electrical and Computer Engineering, invites applications for two tenure-track positions. The department seeks individuals who can assume leadership roles in expanding its current research programs. The first position is in the area of computer engineering. Topics of interest include, but are not limited to: high performance processor architecture, memory hierarchy design, multimedia processing, and networking. The appointment is expected to be made at the junior level, but exceptional senior candidates will be considered. The second position, at the assistant professor level, is in the area of VLSI signal processing. Topics of interest include, but are not limited to: imaging architectures, network security, RF circuits for wireless systems, and mixed-signal SoC. We offer competitive salaries, excellent start-up packages, and flexible starting dates. The University of Rochester is an AA/EO employer, encourages applications from women and minorities, and provides reasonable accommodations for known disabilities of applicants and employees.

UNIVERSITY OF PENNSYLVANIA

Department of Computer and Information Science

LECTURER POSITIONS

The University of Pennsylvania invites applicants for the position of Lecturer in Computer Science to start July 1, 2002. Lecturer duties include undergraduate and graduate level teaching. The position is for one year and is renewable annually up to three years. Successful applicants will find Penn to be a stimulating environment conducive to professional growth. Construction is under way on our new $21 M Computer Science Building. Beginning Fall 2001, the Department of Computer and Information Science will institute the Master of Computer and Information Technology (MCIT). The MCIT is designed for candidates who have a strong academic background in areas other than computer science but who have a need for graduate education in computer science or a closely related discipline. Completion of the MCIT program will give the graduate a solid foundation in computer science, providing the advanced expertise needed to meet the demands of the rapidly growing field of information technology. MCIT graduates will be ready to enter the IT workforce, or will find new opportunities in continuing their education. The MCIT program will also prepare students for further graduate education in computer science.

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, Lecturer 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 March 1, 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 LOUISIANA AT LAFAYETTE
Computer Science Department
http://www.louisiana.edu/Departments/ComputerScience

Applications and nominations are invited for an expectant tenure track position at the assistant professor level starting Fall 2002/Spring 2002. Applicants must have a doctorate in computer science or a closely related discipline and demonstrate a commitment to excellence in undergraduate education. The successful candidate is expected primarily to teach undergraduate courses in Computer Science and contribute to the discipline through active research and/or scholarly activities. He/She can also teach at the graduate level and supervise M.S. and Ph.D. students.

The Computer Science department at UL Lafayette is one of the oldest in the nation. The department consists of 7 faculty members, and several part-time adjunct instructors. It has 430 majors, and offers a curriculum that has been accredited by CSAB since 1987. Computing equipment specifically allocated to undergraduates includes a Unix lab of over 170 SUN workstations and a Windows NT lab of over 35 PCs. UL Lafayette, http://www.louisiana.edu, has the distinction of having the first ACM student chapter in the country, as well as the first Louisiana chapter of the UPE honor society.

All Ph.D. faculty members in the department maintain an active research program. Areas of research include cognitive science, computer science education, human computer interaction, multimedia, parallel processing, scientific visualization, software engineering, artificial intelligence, and machine learning. The department has a very close relationship with the Center for Advanced Computer Studies, http://www.cacs.louisiana.edu, which contributes to a stimulation research environment that is exceptional among undergraduate departments.

The University of Louisiana is located in Lafayette, a city with a population of about 120,000. It is that cultural and commercial center of Acadiana, which is the region settled by the French-speaking population of Acadians that was expelled from Nova Scotia in the eighteenth century.

Culturally, the region is characterized by a joie de vivre, or joy of life. Acadiana residents are hardworking and fun-loving. Fairs and festivals throughout the year celebrate everything from A to Z — alligators to zydeco music. For more than a decade, the annual Festival International de Louisiane has showcased musicians from French-speaking countries from around the world. For more information, see http://www.lafayette.org.

Applicants should send a letter of application, resume, three letters of recommendation (at least one of which should address teaching) and any other supporting material to:
Magdy A. Bayoumi, Department Head
Computer Science Department
University of Louisiana
P. O. Box 41771
Lafayette, LA 70504-1771
(337) 482-6768
(337) 482-5791 FAX

The search committee will start reviewing applications and will continue until the position is filled.

The University is in compliance with Title IX of the civil rights Act, Section 504 of the Rehabilitation Act of 1973, and is an Equal Employment Opportunity Affirmative Action Employer.

UNIVERSITY OF CALIFORNIA, SANTA BARBARA
Faculty Positions:
Department of Computer Science

The University of California at Santa Barbara invites applications for several faculty positions in Computer Science and Computer Engineering. While the department emphasizes building strengths in experimental computer science, applicants in all areas of computer science are welcome.

The Department of Computer Science currently has 25 full-time faculty and approximately 140 graduate students (including approximately 75 Ph.D. students) involved in various research areas including digital libraries and databases, parallel and distributed systems, programming languages, networking, bioinformatics, computer and network security, theory of computation, algorithms, computer vision and interaction, and computational sciences.

The Department of Computer Science is part of an expanding College of Engineering which encompasses over 100 faculty in various engineering disciplines. UCSB is a major research institution, elected member of the Association of American Universities, as well as an integral part of the nine-campus University of California system.

Graduate degrees in Computer Science are offered at the M.S. and Ph.D. levels. The department recently received a NSF CISE award to experiment with campus-wide wireless network, hand-held devices, and multimedia services, and is engaged in a number of collaborative projects (e.g., Alexandria Digital Library) both at the College and the campus level. The total amount of the 2000-01 extra-mural funding in the department was more than $5 million dollars.

Applicants should hold a doctoral degree in Computer Science or a related field; appointments are scheduled to begin in 2002-2003. Primary consideration will be given to candidates who apply by January 15, 2002, however positions will remain open until filled. Send resume, research and teaching statements, and names of at least four referees to: Recruitment Committee, Department of Computer Science, University of California, Santa Barbara, CA 93106-5110. To apply by electronic mail, send the application to: recruit@cs.ucsb.edu. Additional information about the Computer Science Department may be found at http://www.cs.ucsb.edu. An EO/AA employer.

NORTHEASTERN UNIVERSITY
Department of Computer Science
Department Chair Search

We seek a strong and proven researcher and manager to serve as Chair. Applicants from all areas of computer science will be considered. Northeastern has built an excellent core faculty with expertise in AI, graphics, distributed and parallel systems, computational technology, theory and algorithms, robotics, multimedia systems, and design. We have now embarked on a campaign to gain national leadership, building on these core areas, but extending to all areas of computer science. We seek a candidate who is committed to help mold a young, dynamic department within a great University strongly supportive of Computer Science, located close to the city of Chicago with all that it has to offer, and in an area with some of the country’s finest school districts.

Send applications, including at least 5 references, by January 31, 2002, to:
Faculty Search Committee
Northwestern University
Dept. of Computer Science
1890 Maple Ave
Evanston, IL 60201
or by email to facultysearch@cs.northwestern.edu

Northwestern University is an affirmative action/equal opportunity employer. Hiring is contingent upon eligibility to
work in the United States. Applications by minorities and women are particularly encouraged.

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 doctorate 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 csresearch@eecs.umich.edu

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

The Department of Computer Science has a number of faculty positions open at all levels for the 2002-2003 academic year. Please refer to the full ad in the October issue for more information, or access our home page (http://www.cacs.louisiana.edu), or send email to csrecruit@cs.ust.hk.

UNIVERSITY OF LOUISIANA AT LAFAYETTE
The Center for Advanced Computer Studies
Faculty Positions

Candidates with a strong research record and an earned doctorate in computer science or computer engineering are invited to apply for tenure track faculty positions at both the assistant and associate professor levels starting August 14, 2002 (starting spring, 2002 is also available). Target areas include computer networks, communications, programming languages, software engineering, and information and database management systems. Consideration will also be given to outstanding candidates in other areas. The candidate must have demonstrated potential to achieve national visibility through accomplishments in research contract and grant funding, publications, teaching and supervising graduate students.

Faculty teach mostly at the graduate-level and offer a continuing research seminar. State and university funds are available to support research initiation efforts. External grants/contracts from federal and state agencies support the Center’s ongoing research (over $4.5M in 1998-99). Salaries are competitive along with excellent support directed towards the attainment of our faculty’s professional goals. The Center’s colloquium series brings many world known professionals to our campus each year.

THE CENTER: The Center is primarily a graduate research unit, of 15 faculty, with programs leading to MS/PhD degrees in computer science and computer engineering. More than 230 graduate students are enrolled in these programs, including 65 PhD students. The Center has state-of-the-art research and instructional computing facilities, consisting of several networks of SUN workstations and other high performance platforms. In addition, the Center has dedicated research laboratories in Computer Vision and Pattern Recognition, Intelligent Robotic Systems, Software Research, VLSI Design, Automated Reasoning, Multimedia Applications, Wireless Communication, Mobile Information Technologies, Internet Computing, and NASA Regional Applications Center (RAC). Related university programs include the CSAB accredited undergraduate program in Computer Science Department, and the ABET accredited undergraduate program in Electrical and Computer Engineering Department. Additional information about the Center may be obtained at http://www.cacs.louisiana.edu/.

THE UNIVERSITY: The University of Louisiana at Lafayette is a Research Intensive University with an enrollment of about 16,000 students. Additional information may be obtained at http://www.louisiana.edu/. The University is located in Lafayette, the capital of Acadiana, which is characterized by its Cajun music and food, and joie de vivre atmosphere. The city, with its population of over 120,000, provides many recreational and cultural opportunities. Lafayette is located approximately 120 miles west of New Orleans.

The search committee will review applications and continue until the position is filled. Candidates should send a letter of intent, curriculum vitae, statement of research and teaching interests, and names, addresses and telephone numbers of at least four references. Additional materials, of the candidate’s choice, may also be sent to:
Dr. Magdy A. Bayoumi, Director
The Center for Advanced Computer Studies
University of Louisiana at Lafayette
Lafayette, LA 70504-4330

Tel: 337.482.6147; Fax: 337.482.5791
The University is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF KANSAS

Applications are invited for three tenure-track positions at the Assistant/Associate Professor level beginning in August 2002. An earned doctorate in computer science or closely related field is required. Areas of interest include: programming languages, compiler technology, information security, database systems, and human-computer interaction. The successful candidate will be expected to teach undergraduate and graduate courses, develop and maintain a viable research program, and work with groups of faculty, staff and graduate students in interdisciplinary research teams. Applicants for senior positions should have an excellent research record and experience managing a research program.

The EECS Department conducts active research programs in areas ranging from artificial intelligence to telecommunications. The department’s sponsored averages $6 million per year. Consult http://www.eecs.ukans.edu/research and http://www.itc.ukans.edu for details. The University of Kansas is located in Lawrence, Kansas a dynamic community that was ranked first in the nation in culture among cities of less than 100,000 in population (from Rand McNally’s Places Rated). Other surveys confirm that Lawrence is a fast growing, friendly place to live with a highly educated population that has access to many sporting events and cultural activities (see http://www.visitlawrence.com).

Application review will begin in January 15, 2002 and continue until the position is filled. Qualified applicants should send a letter of application, a curriculum vitae, and the names and addresses of three references to: Dr. Susan Gauch, EECS, 415 Snow Hall, University of Kansas, Lawrence, KS 66045. The University of Kansas is an equal opportunity employer and committed to diversity among its faculty and staff.

STATE UNIVERSITY OF NEW YORK AT BINGHAMTON
Department of Computer Science
The Thomas J. Watson School of Engineering and Applied Science
http://www.cs.binghamton.edu

Applications are invited for three tenure-track positions at the Assistant/Associate Professor level beginning in August 2002. Salary and startup packages are competitive. We are especially interested in candidates with specialization in Software Engineering, Programming Languages, Compilers, VLSI Systems, Web Engineering, Data Mining and Information Security. Strong
NORTHEASTERN UNIVERSITY

The Department of Electrical and Computer Engineering invites applications for tenure/tenure-track faculty including the endowed Lincoln W. Smith Chair.

Candidates should have a Ph.D. in electrical or computer engineering or computer science and have teaching and research interests, preferably in one of the following areas: Network Computing, MEMS, Dependable Computing, Microelectronics and Distributed Computing Systems.

For the endowed position, we seek a renowned scholar who has achieved national and international distinction in computer engineering. The ability to interact with industrial partners and the potential to provide leadership are essential. A senior faculty appointment requires a distinguished record in scholarship, effective teaching and external research/professional activities.

As lead institution, the ECE Department hosts the NSF-funded Engineering Research Center on Sub-Surface Sensing and Imaging. The ECE Department has 38 faculty members in addition to research faculty, lecturers and staff. Among the faculty there are six NSF CAREER/PYI, one ONR Young Investigator and one Presidential Faculty Fellow Award recipients. The ECE Department has excellent ties to industry and ranks in the top 10 nationally in amount of funded research among ECE Departments in private universities. Northeastern University is located in Boston, a major cultural and high tech center.

Please send by postal mail a resume and a list of at least three references to:
Professor Fabrizio Lombardi, Chair
Northeastern University
Department of Electrical and Computer Engineering
110 Forsyth Street
440 Dana Building
Boston, MA 02115
(617) 373-4159
(617) 373-4431 (fax)

Northeastern is an equal opportunity/affirmative action employer.

BAYLOR UNIVERSITY
Computer Engineering Faculty Position

Department of Engineering invites applications for positions in Computer Engineering and other areas (including biomedical, software and mechanical engineering). Please see complete ad in the November 2000 issue, or visit our web site at http://ecswww.baylor.edu/ec_engineering/egr_acad_open.htm for position descriptions and application information.

LOYOLA UNIVERSITY
NEW ORLEANS
Department of Mathematics and Computer Science http://mathcs.loyno.edu

The Department of Mathematics and Computer Science of Loyola University New Orleans invites applications for a full-time, tenure-track assistant professor position in Computer Science to begin in August 2002. Candidates must hold or be completing a Ph.D. in Computer Science or hold a M.S. in Computer Science with a Ph.D. in another field. The position is open to all candidates with research specialization in any area of computer science. However, preference will be given to candidates with research and teaching interests in networking, the Internet, and web development. A commitment to and evidence of excellence in teaching, evidence of research potential, and a willingness to participate fully in the Department's service activities are basic requirements for a successful applicant. Salary is commensurate with qualifications and experience. Send curriculum vitae, three letters of recommendation, and transcripts of all university work to:

Professor Fabrizio Lombardi, Chair
Northeastern University
Department of Electrical and Computer Engineering
110 Forsyth Street
440 Dana Building
Boston, MA 02115
(617) 373-4159
(617) 373-4431 (fax)

Northeastern is an equal opportunity/affirmative action employer.

TRINITY WESTERN UNIVERSITY
Department of Mathematical Sciences

The Trinity Western University has at least two tenure-track and/or term positions beginning August 2001 at Sessional, Assistant Professor or higher ranks in Computing Science and/or Information Systems and/or Mathematics. The successful applicants will teach both lower level and upper level courses in at least two of these three areas.

Teaching experience and strong academic and personal references are required. Preference will be given to expertise in one or more of: pure or discrete mathematics, information systems, operating systems, software engineering, machine language, or robotics. However, versatility is more important than specialization. Integrative, cross-discipline, multi-language, multi-vendor and multi-platform generalists are preferred. Candidates should have teaching and/or industrial experience with some of: Modula-2, Ada, Smalltalk and C/C++/Java, machine language, robotics, operating systems, and/or standard application suites, and/or pure mathematics.

Minimum academic qualification: For tenure track, a Ph.D. (or equivalent) in Mathematics and/or Computing Science and a credible research program; for sessional or term positions, a M.Sc. in Informatics, ISYS, or MACS may be considered. Junior faculty applications are welcome, as are master teachers/senior faculty. We will also consider proposals for visiting and sabbatical positions. The successful applicant will be fluent in English and a self-starter capable of taking leadership in developing courses and programmes, making significant contributions to the University.

Our department <http://www.csc.twu.ca/> has three microcomputer labs for departmental service courses using MacOS, NT, and Linux. Faculty interests include: standards, languages, software engineering, data structures, numerical methods, and object oriented programming. Initial instruction is in Modula-2, then C++/Java, and afterwards varies with course needs. We offer degrees in Mathematics, MACS, and Computing Science, and have a growing Minor in Information Systems.

Trinity Western University <http://www.twu.ca/> is a 3000 student Christian liberal arts university, located in the lower mainland of British Columbia, Canada and is affiliated with the Evangelical Free Church. It is fully accredited and a member of the AUCC. Candidates must fully supportive of the University’s principles and goals and either have Canadian citizenship or be able to obtain landed immigrant status.

For a position solely in mathematics, this ad is directed only to Canadian citizens and landed immigrants, and for all positions, preference is given to

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Minimum academic qualification: For tenure track, a Ph.D. (or equivalent) in Mathematics and/or Computing Science and a credible research program; for sessional or term positions, a M.Sc. in Informatics, ISYS, or MACS may be considered. Junior faculty applications are welcome, as are master teachers/senior faculty. We will also consider proposals for visiting and sabbatical positions. The successful applicant will be fluent in English and a self-starter capable of taking leadership in developing courses and programmes, making significant contributions to the University.

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For a position solely in mathematics, this ad is directed only to Canadian citizens and landed immigrants, and for all positions, preference is given to
Canadian citizens. We wish to consider candidates and finalize these positions in March 2002, but applications will be accepted at any time. The starting date is August 15, 2002 for all positions.

Address initial enquiries ASAP to:

Rick Sutcliffe
Director of Academic Computing
mailto:sutcr@twu.ca

and applications to

Dr. John VanDyke
Dean, Faculty of Natural and Applied Sciences
Trinity Western University
7600 Glover Rd.
Langley, BC Canada V2Y 1Y1

OAKLAND UNIVERSITY
Department of Computer Science
and Engineering

The Department of Computer Science and Engineering invites applications for several tenure-track positions at the assistant/associate professor level. Applicants must have completed a Ph.D. in Computer Science, Computer Engineering, or a closely related field by the appointment date. Candidates must show exceptional promise in both research and teaching. Desired areas of interest include, but are not limited to, embedded systems, real time systems, reconfigurable computing and FPGAs, networking and mobile computing, and computer architecture.

Applications should be submitted by January 15, 2002 but will be accepted until the positions are filled. Applicants should send a letter of intent, resume and the names of three references to: Professor Ishwar K. Sethi, Chair, Department of Computer Science and Engineering, Oakland University, Rochester, MI 48309-4401. Email: isethi@oakland.edu. URL: www.cse.oakland.edu

Oakland University is an affirmative action/equal opportunity employer and encourages applications from women and minorities.

RUTGERS UNIVERSITY

The Department of Electrical and Computer Engineering invites applications for tenure-track positions at the Assistant Professor level in its computer engineering program. Specialties include computer architecture, distributed computing, VLSI design, graphics, virtual reality, and software engineering. Excellent computer facilities are available with opportunities for research affiliation with Rutgers’ research centers and local industry. Send resume and names of four references to: Prof. Michael L. Bushnell, Chair, Computer Engineering Search Committee, Rutgers University, 94 Brett Rd., Piscataway, NJ 08854-8058. Rutgers, The State University of New Jersey, is an equal opportunity, affirmative action employer.

CASE WESTERN RESERVE UNIVERSITY
Positions in Computer Science

The Department of Electrical Engineering and Computer Science invites applications at all levels for multiple tenure-track, senior positions in all areas of Computer Science. Areas of special interest are: networks and distributed systems; web computing; graphics and visualization; multimedia systems and computer-human interfaces; real-time systems; database systems; bioinformatics; software engineering; programming languages; and artificial intelligence. Applicants should have a Ph.D. in Computer Science or a closely-related field and should have demonstrated excellence in research and, where applicable, in teaching. See www.eecs.cwru.edu/openings for further details including application requirements or contact: chair@eecs.cwru.edu. In employment, as in education, CWRU is committed to affirmative action and equal opportunity. Women and minorities are encouraged to apply.

UNIVERSITY OF NEBRASKA AT OMAHA
Multiple Faculty Positions
Department of Computer Science
College of Information Science and Technology

The Peter Kiewit Institute of Information Science, Technology and Engineering

The Department of Computer Science invites applications, at all levels, for multiple tenure-track faculty positions. Falling within the College of Information Science and Technology, the Computer Science Department is housed in The Peter Kiewit Institute, a new, 193,000 sq. ft. $37.5M state-of-the-art facility for teaching and research. Financial support of the Institute (now at $70M) reflects a unique business-academic partnership. In addition, the Institute’s endowment supports more than 200 students (average ACT of 32) on full scholarships as well as providing outstanding faculty candidates with an endowment as part of their starting package. We invite you to visit our web site at http://www.isst.unomaha.edu.

Recently recognized by Newsweek as one of the top ten emerging technology cities, Omaha is a metropolitan area where six national fiber-optic networks converge. The college is well-suited to take advantage of this growth, and has been recognized as one of five pioneer colleges of computing and IT. The Department of Computer Science presently offers the bachelors and masters degrees, with a proposed Ph.D. nearing completion.

Qualified candidates must have a Ph.D. in computer science or a closely related field from a nationally recognized program. All areas of computer science will be considered with special attention given to computer networking and communications, information assurance, software engineering, and bio-informatics. Candidates for assistant professor must show strong potential for excellence in teaching and research. Traditional academic candidates for associate and full professor must have an established record of excellence in teaching and funded research. Non-traditional candidates with significant industrial or governmental background are encouraged to apply. There also is the possibility of receiving an endowed chair or department chair position for applicants who are nationally recognized and who have demonstrated that they have influenced the discourse in their fields of endeavor.

The university has a strong commitment to achieving diversity among faculty and staff. We are particularly interested in receiving applications from members of under-represented groups and strongly encourage women, disabled, minorities and Vietnam-era veterans to apply for this position. The University of Nebraska at Omaha is an Affirmative Action/Equal Opportunity Employer.

Applications, including a curriculum vita and a list of references should be sent to:

Prof. Stanley Wileman
Interim Chair, Computer Science
PKI 281E
University of Nebraska at Omaha
Omaha, NE 68128-0500

Applications will begin immediately and will continue until the positions are filled. The preferred employment start date will be either January 2002 or August 2002.

VANDERBILT UNIVERSITY
Department of Electrical Engineering and Computer Science
Nashville, TN

The Department of Electrical Engineering and Computer Science invites applications for faculty positions in the areas of computer science and computer engineering. We are interested in candidates at the Assistant Professor and senior levels. Applicants in all areas are encouraged to apply and will be considered; however, preference will be given to candidates in the areas of embedded and hybrid systems, computer networks, and computer databases. Applicants should have a doctorate or equivalent degree in computer science, computer engineering, or a closely related discipline. Candidates are expected to develop a strong research program and maintain excellence in teaching.

The EECS department currently has 31 faculty members with a broad range of research interests and sponsored research activity totaling $8.5M. The department enrolls approximately 400 undergraduate students in three accredited programs: computer engineering,
computer science, and electrical engineering. The department currently enrolls about 200 graduate students. In addition, two research centers associated with the department, the Institute for Software Integrated Systems (ISIS), and the Center for Intelligent Systems (CIS), encourage and provide opportunities for innovative interdisciplinary research. Vanderbilt University is a founding institute for the Internet2 project. For more information about the department and the school, please visit our website at http://eecs.vanderbilt.edu.

Applicants should send a curriculum vitae, copies of representative publications, and the names, addresses (postal and e-mail), and telephone numbers of three or more references. In addition, each applicant should submit statements describing research and teaching goals. The application package should be mailed to the Faculty Search Committee, Department of Electrical Engineering and Computer Science, Box 1679 Sta B, Vanderbilt University, Nashville, TN, 37235-1679. Electronic submissions and inquiries may be made to eecs-search@vuse.vanderbilt.edu. Applications will be processed as they are received, and continue to be considered until all positions are filled. Vanderbilt University is an Equal Opportunity Employer.

UNIVERSITY OF NOTRE DAME

The Department of Electrical Engineering and the Department of Computer Science and Engineering at the University of Notre Dame jointly invite applications for faculty in the areas of computer communication networks and digital circuit design. The successful applicant will have research and teaching interests that complement both departments. The open position will be a tenure-track appointment in one of the departments, with a concurrent appointment in the other, giving the new hire the opportunity to supervise graduate students and make use of the resources of both departments. Qualifications include the ability to develop and sustain an active, funded research program, and a sincere interest in quality teaching at the undergraduate and graduate levels.

Notre Dame was ranked 19th among doctoral universities by US News and World Report in 2001. The average SAT score for entering students in the College of Engineering exceeds 1380. Notre Dame’s heritage is unique among top-ranked national universities, resulting in a distinctive character of campus life.

The CSE Department has active research programs in the area of VLSI, high performance and parallel computing, novel computer architectures, hardware/software co-design, image analysis, pattern recognition, biologically-related computing, e-technology, and intelligent systems. The EE Department has strong programs in digital communications, signal and image processing, control systems, nonelectronics, optoelectronics, microelectronics fabrication and microwave electronics. The department also has an FCC-licensed spectral allocation in the 220MHz band and is developing a wireless network.

Rank and salary are negotiable. Women and members of underrepresented minority groups are particularly encouraged to apply. Interested individuals should submit a complete and names of at least three references to:

Dr. Kevin Bowyer (kvb@cse.nd.edu)
Department of Computer Science and Engineering
Or
Dr. Yih-Fang Huang (huang@nd.edu)
Department of Electrical Engineering
University of Notre Dame
Notre Dame, IN 46556

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

NORWICH UNIVERSITY

Computer Engineering

The David Crawford School of Engineering invites applications for an opening in our emerging Computer Engineering Department commencing July 1, 2002. Rank and salary are commensurate with experience. Qualifications for the Program Director position include effective oral and written communication skills, excellence in undergraduate teaching, and an ability to develop relationships between industry and the Engineering School. In addition, the successful candidate will participate in the recruiting and admissions processing, oversee the continued development of the Computer Engineering curriculum, and will help develop a national reputation for the program. An earned Ph.D. in Computer Engineering or a closely related field, a successful teaching experience in an ABET-accredited computer engineering program, and U.S. citizenship or permanent residency are preferred. Candidates should send a detailed resume, a statement of vision and interests, and a list of at least three references, to: Human Resources, Computer Engineering Search Committee, Norwich University, 158 Harmon Drive, Northfield, VT 05663.

WICHITA STATE UNIVERSITY

Computer Science Department

Applications are invited for the tenure-eligible position of assistant professor in the Computer Science Department. Anticipated starting date is August 4, 2002. Required qualifications: Ph.D. in Computer Science or a closely related area (ABD will be considered); demonstrated potential for research and teaching; and, successful experience with diverse populations. Preference will be given to candidates who can teach courses in the areas of Information Systems, Internet Applications, and Software Systems, and who have a good research record.

The research interests of the department include algorithms, automated theorem proving, computer-aided design, databases, object-oriented systems, and programming languages. The department has recently had research grants from NSF, DoD, Boeing, etc. For more information about the department, see the web page at www.cs.wisc.edu.

Letters of application including a resume and the names, addresses, phone numbers, and e-mail addresses (if available) of at least three references should be sent to: Search Committee, Department of Computer Science, Wichita State University, Wichita, Kansas 67260-0083. Phone contact: (316) 978-3156. To ensure full consideration, complete application must be received by February 1, 2002; position remains open until filled.

Wichita State University is an EEO/AA employer. We encourage applications from females and minorities.

UNIVERSITY OF WISCONSIN/MADISON

Computer Engineering Faculty Positions

The Department of Electrical & Computer Engineering invites applications for multiple tenure or tenure-track positions beginning August 26, 2002 in Computer Engineering including but not limited to embedded systems, networking, electronic design automation, VLSI design and computer architecture. Over the next few years, program expansion that builds on existing strengths and breaks new ground is anticipated. A Ph.D. degree in Electrical Engineering, Computer Engineering, Computer Science, Physics or closely related field is required. The successful candidate is expected to establish a strong funded research program, demonstrate excellent teaching performance and engage in public service. Duties include: teaching and developing undergraduate and graduate courses; supervising graduate student research; developing and directing a funded research program; participating in faculty governance; as well as department, university and public service.

Those who have previous university experience and who are applying for Associate and Full Professor positions, require 6 years as a university faculty member with demonstrated success in attracting extramural research support and academic accomplishments as a scholar and teacher that meet the standards for a tenure appointment. For further information about department and programs, see http://www.engr.wisc.edu/ece.

Rank and salary will be commensurate with qualifications and experience. Deadline to insure consideration is
THE UNIVERSITY OF VIRGINIA
Department of Computer Science

The University of Virginia’s Department of Computer Science invites applications for multiple tenure track and tenured faculty positions at all ranks. Outstanding candidates in all areas of Computer Science will be considered. Research faculty (non tenure-track) openings of all ranks are also available. Our exciting and very strong Department has a first rate experimental computer science research program and has in place an innovative undergraduate CS curriculum. We are looking for candidates who are or have the potential to become outstanding in both research and teaching. Ph.D. required. Positions open until filled. Salary commensurate with experience. Send a resume and the names of three references to Professor Jack Stankovic, Chair, Department of Computer Science, 151 Engineer’s Way, P.O. Box 400740 University of Virginia, Charlottesville, VA 22904-4740.

The University of Virginia is an Equal Opportunity/Affirmative Action Employer. http://www.cs.virginia.edu

THE UNIVERSITY OF TEXAS AT DALLAS
Computer Science Department
Tenure-Track Positions

The Computer Science Department of The University of Texas at Dallas invites applications for tenure track faculty positions in Computer Science at all levels, starting January or September 2002. Visiting positions may also be available.

Candidates for tenure-track positions must have a Ph.D. degree in Computer Science, Software Engineering, Computer Engineering or equivalent. Candidates for junior positions should show strong potential for excellent teaching and research; candidates for senior positions should have a strong record of research, teaching, and external funding. Candidates in all areas of Computer Science, including algorithms, networking, graphics, architecture, bioinformatics, distributed systems, embedded systems, software engineering, and multimedia, will be considered.

The Department of Computer Science offers the Ph.D. degree in Computer Science and has Master’s degrees in Computer Science with major in Software Engineering as well as tracks in Telecommunications, and Traditional Computer Science. At the undergraduate level, the Computer Science Department is the first in the state of Texas to offer a Bachelor of Science degree in Software Engineering. In Fall 2002, the Department of Computer Science will move into a new 250,000 sq. ft. building. We have experienced very rapid growth in recent years and the potential for future growth is excellent. Currently, the Computer Science Department has a total of 34 faculty and 13 senior lecturers.

The University is located in the most attractive suburbs of the Dallas metropolitan area. There are over 600 high-tech companies within 10 miles of the campus, including Texas Instruments, Nortel Networks, Alcatel, Ericsson, Hewlett-Packard, Nokia, Fujitsu, MCI, EDS, and Perot Systems. Almost all the country’s leading telecommunication’s companies have major offices and development facilities in our neighborhood. Opportunities for joint university-industry research projects and consulting are excellent.

In addition to individual faculty workstations, the department has twelve computer/research laboratories equipped with around 200 high performance workstations and high-end PCs. The Academic Computer Center supports both UNIX based workstations and PCs as well as high-speed dial-in access to campus computing facilities. For more information, contact Dr. D.T. Huynh, Department Head, at 972-883-2169 or 972-883-2808; send e-mail to huynhdt@utdallas.edu, or view the Internet Web page at http://www.cs.utdallas.edu/.

Applicants should mail their résumé with a list of at least five academic or professional references as soon as possible to: Academic Search #748, The University of Texas at Dallas, P. O. Box 830688, M/S AD Richardson, TX 75083-0688. The University of Texas at Dallas is an Equal Opportunity/Affirmative Action employer and strongly encourages applications from candidates who would enhance the diversity of the University’s faculty and administration.

THE UNIVERSITY OF CHICAGO
Department of Computer Science
Director of Computing Facilities

The Director of Computing Facilities is a new position responsible to the faculty of the Department of Computer Science. The director will take a long-term strategic view of all computing and networked communications in the department, and will work in partnership with the faculty so that computing and networking activities contribute substantially to the intellectual achievements of the department. He/she will take a leadership role in collaborations with partners outside the department, including other university departments, computing and networking operations at other universities, regional networking organizations, and

January 2002
UNIVERSITY OF CALIFORNIA, SANTA BARBARA

The Electrical & Computer Engineering Department at the University of California, Santa Barbara invites applications and nominations for tenure-track openings in the field of Computer Engineering with effective appointment dates of July 1, 2002. In conjunction with the Computer Science Department, a new, jointly administered B.S. degree in Computer Engineering has recently been offered. Both departments foresee considerable growth in this highly-demand ed instructional and research program over the next few years. Applicants with a wide range of interests in Computer Engineering are encouraged to apply, including, but not limited to: processor, network and switch engineering; adaptable and reconﬁguration systems; fault tolerance; real-time embedded systems; computer-aided design and veriﬁcation; semiconductor and device modeling; failure and yield modeling and analysis; computer system development and hardware/software integration.

The Computer Engineering Program places a strong emphasis on teaching, applied and basic research, and interdisciplinary research programs. Completion of a doctorate is required at the time of appointment. Applications consisting of a curriculum vita, and the names and addresses of at least four professional references should be sent to: Computer Engineering Search Committee, Electrical & Computer Engineering Department, University of California, Santa Barbara, CA 93106-9560. Please submit your application materials without delay. Consideration of your application materials begins immediately and continues until the positions are ﬁlled. UCSC is an equal opportunity, afﬁrmative action employer.

UNIVERSITY OF CALIFORNIA, DAVIS

The Department of Computer Science, at the University of California, Davis is continuing a large expansion and seeks outstanding candidates for tenure track/tenured positions at the Assistant, Associate, and Full Professor levels. We are interested in candidates in all areas of Computer Science and outstanding candidates from any area will be seriously considered. Applicants from software engineering, distributed systems, operating systems, cryptography, and human-computer interactions are of particular interest during this hiring round. Applicants must possess a doctorate in Computer Science or a related discipline, and have a strong research record. They must be enthusiastic about contributing to both research and teaching.

The Department is committed to excellent research and teaching. It has an expanding graduate program and extensive state-of-the-art computing facilities. Further information about the Department is available at http://www.cs.ucdavis.ca.

Interested applicants should send a CV, a concise description of their research program, and the names and email addresses of three references to: Dr. K. Barker, Acting Head, Department of Computer Science, University of California, 2500 University Drive, Davis, CA, 95616-8560 or email to: search@cs.ucdavis.ca.

To expedite the handling of applications, candidates should ask those named as references to send supporting letters to the same address. Applications will be considered as they are received and the search will be continued until all available positions are ﬁlled.

Applications are encouraged from Canadians, Permanent Residents of Canada and non-Canadians. The University of California respects, appreciates, and encourages diversity.

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 two tenure-track positions in computer systems, including computer architecture, cluster computing, computer networks, mobile computing, and embedded systems. Candidates should have a Ph.D. degree in Computer Engineering, Electrical 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.

Classified as Doctoral/Research

UNIVERSITY OF REGINA

The Department of Computer Science at the University of Regina, Saskatchewan, Canada is inviting applications for up to four tenure track positions beginning in the 2002/2003 academic year, effective July 1, 2002. We are specifically seeking candidates with research and/or industrial experience in Software Engineering, Programming Languages, and Operating Systems, however qualiﬁed candidates with experience in Databases and Information Retrieval, Intelligent Systems and Data Mining, Health Informatics, Multimedia, Graphics, and other areas will also be considered. The closing date for applications is February 15, 2002, but applications will be considered after this date if the positions are not yet ﬁlled. For more information, please consult our web page at http://www.cs.uregina.ca/ad 2001.html.

All qualiﬁed candidates are encouraged to apply, however, Canadians and permanent residents will be given priority. The University of Regina is committed to employment equity.

SOUTHWEST STATE UNIVERSITY

Computer Science

Southwest State University invites applications for a tenure track Assistant/ Associate Professor of Computer Science to begin August, 2002. The faculty member will teach a broad range of undergraduate courses in computer science, participate in curriculum development and other activities which expand the computer science program, contribute to student growth and development, evaluate student performance, offer curriculum advice to students, participate in department and University activities, engage in scholarly activity, and provide service to the University and the community. A Ph.D. in Computer Science or a
related field is required, but individuals within a year of doctoral completion will also be considered. Completion of the doctorate is required by September 1 of the tenure application year. Applicants should have good communication skills and demonstrate a strong commitment to undergraduate teaching, curriculum development, and working with computer science students. A letter of application addressing position qualifications, a curriculum vita, teaching evaluations, official transcripts, and the name, address, and telephone numbers of three references should be submitted to: Office of Human Resources, Southwest State University, 1501 State Street, Marshall, MN 56258. Review of the applications will begin in February, 2002 and will continue until the position is filled.

SOUTHWEST STATE UNIVERSITY IS AN EQUAL OPPORTUNITY EDUCATOR AND EMPLOYER. APPLICANTS MUST BE ABLE TO LAWFULLY ACCEPT EMPLOYMENT IN THE UNITED STATES.

LEHIGH UNIVERSITY Faculty Openings in Computer Engineering and Computer Science

The Computer Science and Engineering (CSE) department of Lehigh University, as part of a $75M program, plans to hire multiple faculty in each of the next several years. This year's areas include computer architecture, digital systems, embedded/mobile systems, networking, compilers, operating systems, software engineering, and distributed systems. Lehigh is ranked among the top 40 national universities and is rated "most selective" by both Baron's and Peterson's guides. The CSE department offers BS, MS and PhD degrees. Further details about the department are available in the December issue of IEEE Computer and an on-line application is available at http://www.cse.lehigh.edu/. Send questions/comments to cse-sear@lehigh.edu or contact Michael Schulte, the chair of the CSE search committee, at mschulte@cse.lehigh.edu. Lehigh is an AA/EEO Employer.

NATIONAL CHIAO TUNG UNIVERSITY
Hsinchu, Taiwan
Department of Computer and Information Science

National Chiao Tung University invites applications for several faculty positions, in the Department of Computer and Information Science, Some of these positions will be restricted to the area related to "system on chips" (S.O.C.), such as VLSI, CAD, real-time Operating System, embedded software design, co-design of software and hardware. The remaining faculty positions, however, we welcome the applicants in all areas of computer science and engineering, including those related to communication or bio-infor-

mation technologies. Rank will be commensurate with qualification. Candidates should have a Ph.D. degree in the related areas. Senior Professors well-known in their expertise or young scholars having high potential are particularly encouraged to apply. The department offers BS/MS/Ph.D. programs and provides an excellent research/teaching environment. National Chiao Tung University, one of top-ranking universities in Taiwan, is located in Hsinchu City near the Science-Based Industrial Park, Taiwan. Being situated in the heart of a high-tech area, there are substantial opportunities for industrial-based projects.

The due date for the application is Dec. 31, 2001 (first batch) or March 20, 2002 (second batch). Applicants should send a resume and at least three references to:
Professor Chuen-Tsai Sun, Chairman
Dept. of Computer and Information Science
National Chiao Tung University
Hsinchu, Taiwan 300
Fax: +886-3-5721490
Email: recruit@cis.nctu.edu.tw
Web site: http://www.cis.nctu.edu.tw

BROWN UNIVERSITY

The Division of Applied Mathematics at Brown University seeks applicants for a position at the Assistant, Associate Professor or Full Professor rank, 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.

THE UNIVERSITY OF WASHINGTON
Tenure-Track, Research, and Teaching Faculty

The University of Washington's Department of Computer Science & Engineering has several open positions in a wide variety of technical areas in both Computer Science and Computer Engineering, and at all professional levels.

Most CSE research areas are of interest, but especially those that broaden the department in emerging areas or that strengthen existing areas that are below critical mass. A moderate teaching load allows time for quality research and close involvement with students. We expect candidates to have a strong commitment both to research and to teaching. The department is primarily seeking individuals at the Assistant Professor rank; however, under unusual circumstances and commensurate with the qualifications of the individuals, appointments may be made at the rank of Associate Professor or Professor. We are also seeking non-tenured Research Assistants and Lecturers. Applicants for the tenure-track and research positions must have earned a doctorate by the date of appointment; those for the lecturer position must have earned at least a Master's degree by the date of appointment. Information about the department can be found on the web at <http://www.cs.washington.edu>.

Please send a letter of application, a resume, statement of research and teaching interests, and the names of four references to:
Faculty Recruiting Committee
Computer Science & Engineering
University of Washington
Box 352350
Seattle, WA 98195-2350

Applications received before February 1, 2002 will be given priority consideration.

The University of Washington is a recipient of a new National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. The University of Washington is building a culturally diverse faculty and encourages applications from female and minority candidates. AA/EOE.

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
Department of Computer Science

The Computer Science Department at UNC-Chapel Hill is expanding its areas of research and its facilities. We are currently planning new laboratory and office space that will more than double our current space by the end of the decade.

We invite applications for up to four faculty positions at open rank (including both tenure track and non-tenure track lecturer positions) to begin Fall 2002 or Spring 2003.

We invite applications from exceptional candidates in all areas, but especially in software systems (including operating systems and compilers), networking, embedded systems, ubiquitous computing, computer vision, hardware systems, and graphics.

Candidates for tenure track positions must hold or expect to hold a Ph.D. degree before starting employment, or must present an equivalent level of professional accomplishment. Candidates for lecturer positions must hold an MS degree or equivalent. Further information about the department and the application procedure for this search is available via our web site http://www.cs.unc.edu under "Joining our Department/ Faculty Recruiting" or by e-mail to faculty-recruiting@cs.unc.edu.

Our Department emphasizes excellence in research and teaching, and attracts excellent students from within the country and abroad. The University is conveniently located near the Research Triangle Area, and near Duke and North Carolina State Universities with which our faculty have many successful ongoing research collaborations. Chapel Hill
Iowa State University has been awarded the NSF Scholarship for Service (SFS) grant from 2001 to 2005. This award provides funding for 10, two-year full undergraduate scholarship recipients and up to 10, two-year masters degrees scholarship recipients, providing technical competence in the area of information assurance and security. Applicants must be a U. S. Citizen, have a GPA of 3.0 or above and must be enrolled in the Information Assurance Program or in one of the six home departments supporting the Information Assurance Program at ISU as of Fall Semester 2002. The recipients will become part of the Federal Cyber Service of information technology specialists whose responsibility is to ensure the full protection of the United States Government information infrastructure. Upon graduation, recipients will work for federal agencies for two years as their Federal Cyber Service commitment.


**HONG KONG BAPTIST UNIVERSITY**

Department of Computer Science

Assistant Professor (PR001/2002)

Applicants should have specialization in some of the following areas: Electronic Commerce, System Analysis and Design, Information Systems Management, Multimedia Data Management and Computer Networks. Applicants should possess a relevant PhD degree with good research and publication record, and a strong commitment to excellent teaching and research. For more information, please enquire by e-mail to recruit@comp.hkbu.edu.hk or by fax at (852) 2339 7892.

Salary Scale (approximately US$1= HK$7.8): HK$48,495 - $71,295 per month (Entry salary will commensurate with qualifications & experience)

Terms of Appointment: The appointment will commence in September 2002. The appointee will initially be offered a fixed-term contract of three years. Benefits include contribution by the University to a retirement benefits scheme and/or a gratuity payable upon satisfactory completion of contract (totaling up to 15% of basic salary), annual leave, medical & dental benefits for appointee & family and housing allowance where applicable. Re-appointment thereafter is subject to mutual agreement.

Application Procedure: Application, together with updated curriculum vitae, copies of transcripts/testimonials should be sent to the Personnel Office, Hong Kong Baptist University, Kowloon Tong, Hong Kong [Fax: (852) 2339-5001; E-mail: recruit@hkbu.edu.hk]. Application forms can be downloaded from: [http://www.hkbu.edu.hk/~pers](http://www.hkbu.edu.hk/~pers). Applicants are requested to send in samples of publications, preferably three best ones out of their most recent publications.

Please quote PR number on the application and any subsequent correspondence. Details of the University’s Personal Information Collection Statement can be found at [http://www.hkbu.edu.hk/~pers/job](http://www.hkbu.edu.hk/~pers/job). The University reserves the right not to make an appointment for the posts advertised, and the appointment will be made according to the terms & conditions then applicable at the time of offer.

Closing date: 28 February 2002 (or until the position is filled)

**ETH ZURICH**

The Swiss Federal Institute of Technology Zurich (ETH Zurich), Department of Computer Science, invites applications for several Full Professor and Assistant Professor positions in conjunction with the establishment of the new Information Science and Engineering Laboratory (“ISE Lab”) at the ETH Zurich. In this context the ISE Lab extends the Computer Science Department and introduces new research groups in the broad area of information and communication science and engineering. The ISE Lab will foster interdisciplinary projects, promote interdepartmental research and interdisciplinary master curricula in the area of information engineering and communication systems. After its full establishment, the ISE Lab will encompass some ten full professors. In the first stage - in order to complement our well established areas in distributed systems, database systems, project and information management, object-oriented and web information systems, parallel and distributed information systems – we are interested in attracting candidates representing other relevant areas in information science and engineering. We are especially looking for candidates with a strong background in the following areas:

- Multimedia Document Management and Retrieval. Modelling, storage and retrieval of text, image, video and speech documents; management and processing of semi-structured data; information classification, extraction and filtering; relevance and relevance feedback.
- Mobile Computing and Ubiquitous Information. Mobile information components, community information spaces, client-dependent information content and presentation, context- and location-aware applications, spatio-temporal information, pervasive computing, synchronization and co-ordination.

**BROWN UNIVERSITY**

Faculty Position in the Division of Engineering

Computer Vision / Multimedia Signal Processing

The Division of Engineering at Brown University announces the opening of a tenure-track faculty position in Electrical Sciences and Computer Engineering, beginning September 1, 2002. We expect the appointment to be made at the Assistant Professor level; however, an appointment at the level of Associate Professor, with or without tenure, is pos-
systems analysts

Master's degree in computer related field, math or engineering req. Send ad w/ resume to: OSI Consulting Inc., Attn: PKN, 5950 Canoga Ave. #300, Woodland Hills, CA 91367.

MONMOUTH UNIVERSITY
Computer Science Department

Tenure Track. Applications are invited for one or more tenure track positions starting September, 2002. A Ph.D. in Computer Science is required. Tenure obligations include strong efforts in graduate and undergraduate teaching, and in research. Teaching and research areas include, but are not limited to, databases and large software development techniques. Documentation should emphasize prior experience in teaching programming at mid- to upper-level courses, and describe recent research by citing publications. The positions require participation in departmental curriculum and course development efforts.

Visiting Assistant Professor. Applications are invited for a visiting assistant professor position starting September, 2002, renewable annually. At least an M.S in Computer Science or Software Engineering is required, along with experience in several of the following areas: programming in C++ or Java, computer architecture, program design and development, and database use and administration. The position requires both course development and delivery, as well as contributions to overall curriculum development.

Questions should be directed to rclayton@monmouth.edu.

How to Apply. Applicants should send a cover letter, a resume, and the names of three professional references to Chair, Computer Science Search Committee, c/o Francis C. Lutz, Dean-School of Science, Technology and Engineering, Monmouth University, West Long Branch, NJ 07764. The position of interest, tenure track or visiting, should be clearly indicated in the cover letter; each application will be considered for exactly one position. Interviews start after 1 January, 2002, and will continue until the search closes.

See http://www.monmouth.edu for information about the university, school, and department. Monmouth University is an Equal Opportunity Affirmative Action Employer.

PROGRAMMER ANALYST II

Programmer Analyst II needed for university IT dept located in Miami, FL. Degree + experience required. Please fax resume to Pricilla Nix, (305) 284-2840.

AUBURN UNIVERSITY
Department of Computer Science and Software Engineering
Assistant, Associate, and Full Professor

The Department of Computer Science and Software Engineering (CSSE) invites applications for a tenure-track faculty position at the Assistant, Associate, or Full Professor level to begin fall semester 2002. Salary will be commensurate with the candidate's qualifications. Women and ethnic minorities are encouraged to apply.

Responsibilities include research, graduate student supervision, and graduate and undergraduate teaching. In addition, successful applicants will be expected to participate in departmental, college, and university service activities.

Applicants should have a Ph.D. in computer science, software engineering, or a closely related field; however, applicants that are ABD may apply if they reasonably expect to complete the terminal degree by January 2003. The following are preferred research areas: computer and communication networks, wireless engineering, information assurance and security, real-time and embedded systems, wearable computing, operating systems, interactive and intelligent systems, database systems, and software engineering; however, all areas of computer science and software engineering will be considered.

CSSE is in the process of forming a center for Innovations in Mobile, Pervasive, and Agile Computing Technologies (IMPACT), which is a joint effort with the Department of Electrical and Computer Engineering. The University will invest over $1M (estimated) in five years in new positions with an objective of gaining national prominence in the IMPACT research areas.

The CSSE Department currently has 17 full-time faculty members and supports strong undergraduate (B.S., B.Sw.E.) and graduate programs (M.S., M.Sw.E., Ph.D.). Enrollments for Fall 2001 are approximately 600 undergraduate and 100 graduate students. Faculty research areas include software engineering, computer and communication networks, human-computer interaction, wearable computing, artificial intelligence, and database systems. More information about the Department and faculty research interests can be obtained from the Department's home page (http://www.eng.auburn.edu/csse).

Auburn University was chartered in 1856, and is the largest university in the state of Alabama, with a student enrollment of over 22,000 and 1,125 faculty. Auburn is located 100 miles southwest of Atlanta and 50 miles northeast of Montgomery, the State Capitol. Auburn offers nearly 150 baccalaureate degree programs in 64 academic departments. The College of Engineering has enrollments of 3,100 undergraduates and 500 graduate students in eight departments. The picturesque main campus covers 1,875 acres and includes the entire southwest quadrant of the city of Auburn. The Auburn-Opelika community has a population of about 70,000, an excellent public school system, and has been nationally ranked as one of the "best small towns in America".

Applicants should submit a current curriculum vita, research vision, teaching philosophy and three references to: James H. Cross II, Professor and Chair Computer Science and Software Engineering 107 Dunstan Hall Auburn University, AL 36849-5347 cross@eng.auburn.edu (with copy to sherief@eng.auburn.edu) 334-844-6300 (Voice) 334-844-6529 (Fax) http://www.eng.auburn.edu/csse/

The applicant review process is expected to begin in January 2002 and continue until successful candidates have been identified.

Auburn University is an Affirmative Action/Equal Opportunity Employer.
UNIVERSITY OF LOUISVILLE
Endowed Chair in E-Commerce
Computer Engineering and
Computer Science Dept.

Applications and nominations are
invited for an endowed chair position in
electronic commerce. Candidates must
possess a Ph.D. in Computer Science or
closely related area, and should qualify
for a tenured appointment at the
Associate/Full Professor level. We are
seeking an energetic and innovative indi-
vidual with a superior record of research
funding, publication, teaching, and the
leadership ability to build collaboration in
an interdisciplinary environment.
Applicants with a mix of academic and
industry experiences are encouraged to
apply.
The position was created in response to
the University Challenge of Excellence
that includes logistics and distribution,
bioengineering and computer science.
The Computer Engineering and
Computer Science Department offers
accredited bachelor's, master's, and doc-
toral degrees, with approximately 400
undergraduates and 200 graduate stu-
dents. The Department is an active part-
ner with the Logistics and Distribution
Institute, the School of Medicine, and the
Information Technology Research Center.
Please see the Department web site at
www.cs.louisville.edu for more informa-
tion.
Review of applications will begin on
February 15, 2002. Send application
including resume, any supportive materi-
als, and at least three references to:
Dr. Adel S. Elmaghraby
Speed Scientific School - CECS Dept.
University of Louisville
Louisville, KY 40292
adel@louisville.edu
The University of Louisville is an AA/EO
employer.

THE UNIVERSITY OF TEXAS
AT TYLER
Chair, Department of Electrical
Engineering

The College of Engineering and Com-
puter Science at The University of Texas at
Tyler invites nominations and applica-
tions for the position of Chair of the
Department of Electrical Engineering.
The successful candidate will have an
earned doctorate in Electrical
Engineering or Computer Engineering
and a demonstrated record of teaching,
research, scholarship, service, and leader-
ship. Additionally, the successful candi-
date will be student-focused, with expe-
rience in the development of academic
programs and a working knowledge of
the ABET EAC EC2000 accreditation
process. Industrial experience is desir-
able, as is a teaching and research back-
ground in communication systems or
computer engineering. Faculty rank will
be tenured Associate Professor or tenured
Professor, depending on qualifications.
The Department Chair has primary
responsibility for maintaining and pro-
moting an environment of academic
excellence and scholarship in Electrical
Engineering, recruiting and retaining
high quality faculty and students, and
providing leadership in the continuing
development of the program, the
accreditation of the program, the contin-
uing establishment of collaborative rela-
tionships with industry, the building of a
solid base of external funding, and the
design of the Electrical and Computer
Engineering areas of the planned new
Engineering and Science Building. UT
Tyler is a component of the University of
Texas System and is located in the beau-
tiful 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 met-
ropolitan 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 by going to
the UT Tyler web site at www.uttyler.edu.
Review of applications will continue until
the position is filled. Starting date is
August 1, 2002 or earlier. Send a letter of
application, curriculum vitae, and names of
four references to Dr. Christine Hailey,
Chair, EE Department Chair Search
Committee, UT Tyler, 3900 University
Blvd., Tyler, TX 75799. The University of
Texas at Tyler is an EEO/AA employer.
Women and members of minority
groups are especially encouraged to
apply.

SEATTLE PACIFIC UNIVERSITY

The Department of Computer Science
at Seattle Pacific University invites appli-
cations and nominations for a tenure-
track opening at the Assistant or
Associate Professor level. Candidates in
all areas of Computer Science are encour-
aged to apply. Current faculty interests
include system software, software engi-
neering, algorithms, and computer archi-
tecture.
Applicants should have a Ph.D. in
Computer Science or closely related field
and be committed to undergraduate
instruction.
The department has 4 full-time faculty
members and about 140 undergraduate
majors. The department also participates
in a Computer Engineering program.
Seattle Pacific University serves more
than 3400 undergraduate and graduate
students in both liberal arts and profes-
sional studies. The university’s mission
is strongly informed by the Christian faith
with a Wesleyan heritage; its faculty and
students represent a broad range of reli-
gious traditions. Seattle Pacific University
has a strong commitment to nurturing a
culturally diverse faculty and student
body.
Preference will be given to candidates
applying before February 14, 2002
although the position will remain open
until filled.
Please send a detailed CV and a list of
references to:
Faculty Search Committee
Department of Computer Science
Seattle Pacific University
Seattle, Washington 98119
e-mail: cssearch@spu.edu

PURDUE UNIVERSITY

Purdue University School of Electric-
al 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 sys-
tems, 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 PENNSYLVANIA
School of Engineering and
Applied Science
Research Faculty Position

The Departments of Computer and
Information Science, Electrical Engineer-
ing, and Mechanical Engineering and
Applied Mechanics invite applicants for
a research faculty position at the non-
tenured assistant professor level in
embedded systems. Those with appro-
priate experience may be considered at a
more senior level. The School is particu-
larly interested in identifying outstanding
candidates with expertise in systems sup-
port for embedded systems, including
but not limited to programming lan-
guages, compilers, operating systems,
arichitecture, and system design, with
application interests in avionics, net-
worked sensors, MEMS, and robotics.
Candidates should demonstrate an
ability to carry out high quality, indepen-
dently formulated research to obtain
research grants essential for support of
this position. The School of Engineering
and Applied Science has thriving research
programs in formal methods, real-time
systems, programming languages, robot-
ics, MEMS, networking, and distributed
systems, offering many exciting opportu-
nities for research enhancement and col-
laboration.
To apply, please submit an updated
CV, statement of research interests,
copies of most significant publications,
and the names of at least six references
PUBLICPLACE

UNIVERSITY OF ALASKA FAIRBANKS

The Computer Science faculty invites applications for tenure track positions at the level of assistant or associate professor beginning August, 2002. Visiting positions may also be available. Applicants must have a Ph.D. in Computer Science or equivalent (e.g. computer or electrical engineering, software engineering, mathematics). Preference will be given to applicants with research experience in the following areas: distributed and parallel computing, simulation and modeling, software engineering, numerical methods and computer architecture. Applicants must be eligible to work in the USA. The duties of the position include teaching at the undergraduate and graduate levels, research and service. The salary is competitive and fringe benefits excellent. Closing date for applications is March 1, 2002 or until positions are filled.

The University of Alaska Fairbanks is the major research institution in the University of Alaska system. The Department of Mathematical Sciences is comprised of programs in Mathematics, Statistics and Computer Science. UAF offers an accredited BS, an MS and interdisciplinary Ph.D. degrees in Computer Science. A new Master of Software Engineering program has been created and an interdisciplinary graduate program in Computational Science is currently being developed. Possibilities exist for joint appointments with several internationally known research institutes on the UAF campus, including the Arctic Region Supercomputing Center (ARSC), the International Arctic Research Center (IARC) and Geophysical Institute. A commitment to quality teaching is essential. We seek candidates who will strengthen our graduate programs and also appreciate the unique geography and climate of interior Alaska. Fairbanks is a modern city with approximately 84,000 residents located in Interior Alaska between the Alaska and Brooks mountain ranges and is noted for the scope of available outdoor activities in all seasons. For more information, visit www.cs.uaf.edu.

Please forward a required UAF application form which you can download at http://www.alaska.edu/hr/employment/application.htm, curriculum vita, the names and telephone numbers of three references. For further information see http://www.csee.umbc.edu/jobs/

UMBC is an affirmative action/equal opportunity employer.

UNIVERSITY OF MARYLAND BALTIMORE COUNTY

Professor of the Practice in Computer Engineering
Department of Computer Science and Electrical Engineering

The Department of Computer Science and Electrical Engineering (CSEE) of the University of Maryland Baltimore County (UMBC) invites applications for the position of Professor of the Practice in Computer Engineering. An appointee for this position must be an individual who has demonstrated excellence in the practice of Computer Engineering, has a record of recognized accomplishments as well as leadership in the field, and must have a strong interest in teaching. Of particular interest are candidates with substantial industrial experience who can design and teach lab courses. Applicants must have a Ph.D. in computer science, electrical engineering a related discipline, or have equivalent stature by virtue of experience. The appointee for this position will be expected to teach undergraduate and graduate courses, develop curriculum and lead substantial curriculum development efforts including the development and administration of capstone course(s), promote teaching excellence, and participate in service activities. The position is neither tenured nor tenure-track.

UMBC is ranked in top tier of nation's research universities (Doctoral/Research Universities-Extensive) by the Carnegie Foundation. The Department offers B.S., M.S., and Ph.D. degrees and has 29 tenured and tenure-track faculty members and 7 lecturers, and about 1300 undergraduate majors and 240 graduate students. We received over $8M in sponsored research support last year and are planning on significant growth. Our move into a new building for information technology and engineering is scheduled for early 2003.

Applications, including CV, and a statement of teaching interests and goals, should be sent to: Computer Engineering, Professor of the Practice Search, Department of Computer Science and Electrical Engineering, University of Maryland Baltimore County, 1000 Hilltop Circle, Baltimore, MD 21250, or by email as a single attachment to csee-search-p@csee.umbc.edu. Applicants should arrange for three letters of reference to be sent to the same address. The position will remain open until filled.

For further information see http://www.csee.umbc.edu/jobs/

UMBC is an affirmative action/equal opportunity employer.

SOUTHERN OREGON UNIVERSITY

Tenure track and temporary positions in CS/CIS for Fall 2002

Southern Oregon University in Ashland, Oregon, is seeking candidates with a strong commitment to teaching excellence, dedication to professional development, and broad-based knowledge of computer systems. Ph.D. in Computer Science or closely related field or a Masters Degree in Computer Science with relevant work experience required. Please visit www.sou.edu/cs for details and application procedure. Review of applicants will begin January 31, 2002 and continue until position is filled. SOU is an affirmative action/equal opportunity employer committed to

CALIFORNIA STATE UNIVERSITY, NORTH RIDGE

Computer Science Department

The Computer Science Department at California State University, Northridge invites applications for two tenure track positions at assistant/associate professor levels effective late August 2002. A doctorate in computer science or a closely related field is required. Good communication skills and broad teaching interests in the computer science undergraduate/graduate core are a necessity. Specialization in one or more of the following areas is desirable: software engineering, operating systems, networking, security, e-business and object-oriented design. Candidates should have a strong commitment to teaching and scholarship.

California State University, Northridge is located in an urban setting 25 miles north of downtown Los Angeles, adjacent to high tech and entertainment industries. The department has extensive computing facilities and a CSAB accredited curriculum. For additional information about the department, please visit http://www.csun.edu/~sgs/compsci/.

Applicants should send a letter of application and a detailed resume, together with the names, addresses and telephone numbers of three references to: Chair, Tenure Track Search Committee, Computer Science Department, California State University, Northridge, CA 91330-8281. Review of applications will begin on Dec. 10, 2001 with preference given to applications received by Feb. 18, 2002.

CSUN is an Equal Opportunity/ Affirmative Action/Title IX Employer

FAIRMOUNT COLLEGE

Faculty Positions in Computer Science for Fall 2002

Fairmount College, a private, liberal arts college located in Fairbanks, AK 99775-6660 e-mail: ffrowr@ualaska.edu

(907) 474-6174

by March 1, 2002. For additional information contact: ffrowr@ualaska.edu.

The University of Alaska is an EEO/AA Employer and Educational Institution and encourages women and minorities to apply.

SOUTHERN OREGON UNIVERSITY

Tenure track and temporary positions in CS/CIS for Fall 2002

Southern Oregon University in Ashland, Oregon, is seeking candidates with a strong commitment to teaching excellence, dedication to professional development, and broad-based knowledge of computer systems. Ph.D. in Computer Science or closely related field or a Masters Degree in Computer Science with relevant work experience required. Please visit www.sou.edu/cs for details and application procedure. Review of applicants will begin January 31, 2002 and continue until position is filled. SOU is an affirmative action/equal opportunity employer committed to
development of an inclusive, multi-cultural community.

THE UNIVERSITY OF IOWA

The University of Iowa solicits highly qualified applicants at all ranks for a tenure track faculty position in the area of Bioinformatics and Computational Biology. Academic training and experience are required in Electrical and Computer Engineering, as well as in Molecular Biology, Genetics, and Genomics. A Ph.D. degree in one of these fields, or a closely related discipline, is required. The position will be a joint appointment between the Department of Electrical and Computer Engineering and the College of Medicine. Duties will include teaching, research and service in the development of research and curricular programs spanning computer engineering/science, computational biology/bioinformatics, and applications to basic sciences and medicine. Candidates will be expected to work collaboratively to form links between advanced computational methods and medical applications. Applicants should contact the Search Committee Chair, Professor Thomas Casavant, Department of Electrical and Computer Engineering, 4016 Seamsman Center, The University of Iowa, Iowa City, IA 52242. The University of Iowa is an affirmative action/equal opportunity employer. Women and minorities are encouraged to apply.

GOUCHER COLLEGE
Chief Technology Officer

Goucher College invites applications and nominations for the position of Chief Technology Officer. The Chief Technology Officer reports to the President and provides managerial and strategic leadership for the College’s information technology services, including academic and administrative computing, campus networking, and instructional services. The successful candidate will supervise and oversee all technology issues on campus and lead an initiative to evaluate and centralize technology at Goucher College.

Founded in 1885, Goucher College is a selective, coeducational liberal arts college located on a beautiful 287-acre wooded campus just north of Baltimore. With an enrollment of more than 1,700 students, Goucher offers undergraduate degrees in eighteen departments and five interdisciplinary areas and has master’s degree programs in arts administration, creative nonfiction, historic preservation, education, and teaching.

Primary responsibilities include:
- providing vision and leadership for use of information technology
- effectively with faculty, trustees, staff, students, and external constituencies in a collaborative way
- fostering a collegial and consultative environment
- developing and implementing plans for meeting information technology needs
- allocating information technology resources to achieve a high level of user satisfaction and prudent use of college financial resources
- ensuring the reliable operation of all systems

Requirements for this position include:
- a combination of education and experience that demonstrates a knowledge of the broad issues of information technology
- significant ability in managing complex organizations, strategic planning, fiscal planning, and staff development
- superior administrative and organizational skills
- an open and collaborative style of leadership
- strong decision-making skills
- excellent written and oral communication skills
- outstanding interpersonal skills
- a minimum of five years of relevant management experience
- a substantial knowledge of microcomputing and mainframe hardware, software, operating systems, and program languages
- an advanced degree
- knowledge of higher education and the purpose of a liberal arts education

Review of applications will begin January 7, 2002, and will continue until the position is filled. Candidates should submit a letter of application, a curriculum vitae, and the names and contact information of three references to:

Kathy Farnsworth, Chair
Goucher College
1021 Dulaney Valley Road
Baltimore, MD 21204
kfarnsworth@goucher.edu

THE OHIO STATE UNIVERSITY
Ohio Eminent Scholar in Computer Networking and Communications

The Ohio State University invites applications for the position of Ohio Eminent Scholar in Computer Networking and Communications. Awarded recently by the Ohio Board of Regents, this position comes with a tenured, full professorship in the Department of Computer and Information Science and the Department of Electrical Engineering, in addition to an attractive compensation package. Only 17 Ohio Eminent Scholar positions have been awarded in the history of the Ohio State University prior to this award.

The successful candidate is expected to have made outstanding scholarly contributions to networking and communications. Specialty areas of particular interest to us include (but are not limited to) wireless networking and mobile computing, internet distributed architectures, optical networks, network security and dependability, communication theory, coding theory, wireless communications, resource allocation, and multiple access techniques. Both departments have vibrant research programs in networking and communications. The candidate will have the opportunity not only to collaborate with other faculty, but also with persons from places in Central Ohio such as ITEC-Ohio, OSC, Quest and Lucent, with whom the department has had good relationships over the years.

Interested persons are invited to send a resume, by e-mail to fsearch@cis.ohio-state.edu, or by mail to:

Chair, EE/CIS Ohio Eminent Scholar Search Committee
Department of Computer and Information Science
The Ohio State University
2015 Neil Ave
Columbus, OH 43210-1277

Review of applications will begin immediately and continue until the position is filled. For additional information please see http://www.cis.ohio-state.edu.

The Ohio State University is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF SOUTHERN CALIFORNIA
Computer Science Department

The Computer Science Department at the University of Southern California (www.cs.usc.edu) invites applications for tenure track faculty at all levels and across all areas of computer science. We are particularly interested in outstanding candidates from one or more of the core sub-disciplines of computer science (such as artificial intelligence, systems, or theoretical computer science) who will contribute to the department’s cross-cutting strategic thrusts in computation, immersion, interaction, and autonomy.

Computational modeling (including simulation and optimization) as well as on new and emerging models of computation especially in neural and genomic computing.

Immersion: natural and effective interactions among people (both real and virtual), computation, and the world through improved embeddings of each within the others.

Interaction: a coordinated investigation of distributed information technology across three levels: the network, where components become connected; the grid, where connected components become pools of resources; and organization, where resource pools support collaborative activities.

Autonomy: intelligent agents embodied in both hardware (robots) and software. Progress on these strategic thrusts requires research on new theories, technologies, and systems spanning the traditional sub-disciplines of computer science, plus broader syntheses across these areas. USC has a strong tradition of interdisciplinary research. Furthermore, much of this research is fostered by strong links between CS and USC’s Information Sciences Institute, Integrated Media
Systems Center and Institute for Creative Technology. Candidates should send (i) a cover letter stating their primary research interest and its relation to one or more of the above strategic thrusts; (ii) a CV and (iii) three letters of support to:

Faculty Search Committee
Computer Science Department
941 West 37th Place, Sal 300
University of Southern California
Los Angeles, CA 90089-0781
U.S.A.

USC is an AA/EEO Employer.

BUTLER UNIVERSITY
Computer Science and Software Engineering

Assistant/Associate professor tenure-track position for fall 2002 in the areas of Software Engineering, Networks and Distributed Systems. For further details and application information please see

http://www.bu.edu/cs/faculty/advert.shtml
or call 317 940-9513.

WESTERN WASHINGTON UNIVERSITY

The Department of Computer Science seeks faculty for two positions: one at the rank of Professor to serve as Chair of the Department and an entry-level Assistant Professor. The Department has achieved a substantial reputation for producing high quality graduates. Currently the Department is comprised of eight full-time, tenure-track faculty and several adjunct faculty. The Department will move into a new building within two years. The Department offers B.S., (accredited by ABET) and M.S. degrees. The Department administers an Internet Studies Center, which offers certification in Web technologies.

Applications must include: a letter of application; current CV; copies of three most recent publications; evidence of teaching effectiveness; and names, titles, and phone numbers of three references. Information about the campus and community is available at http://www.wwu.edu. AA/EO. For disability accommodation: (360) 650-3306 (V), (360) 650-7607 (TTY). For full position announcement: (360) 650-3306 (V), (360) 650-7607 (TTY). For full position announcements please see http://www.wwu.edu/~wwujobs.

THE UNIVERSITY OF ALABAMA

Endowed Chair, Computer Engineering

The University of Alabama invites nominations and applications for the E.A. “Larry” Drummond Chair of Computer Engineering. The chair resides in the Electrical and Computer Engineering (ECE) Department, which offers B.S., M.S., and Ph.D. degrees, with ABET-accredited programs in both Electrical and Computer Engineering. ECE has 13 faculty and is the largest of the College of Engineering’s departments, with over 350 undergraduate and over 40 graduate students. The department has recently defined three research focus areas: electromechanical systems, MEMS, and information technology. Specific interests in information technology include digital signal processing, switching networks, and computational analysis in support of department and college-wide research focus areas. ECE faculty members are conducting approximately $3 million in federally and industrially sponsored research. More information on the department is available at http://www.ece.ua.edu.

The successful applicant must have a distinguished research and publication record, a strong commitment to teaching, and demonstrated leadership ability in developing and expanding research and academic programs in computer engineering, with emphasis in at least one of the department’s three focus areas. The candidate is expected to develop a funded program and to assist other faculty in developing their research programs. The position requires an earned Ph.D. in electrical or computer engineering, or in a closely related field. Fellowship in a major professional society is preferred.

The University of Alabama campus, located in Tuscaloosa, is one of the oldest major universities in the nation and is the largest in the University of Alabama system, with approximately 19,000 students. Located in west central Alabama, Tuscaloosa is 50 miles southwest of Birmingham, with a population of about 150,000 in its metropolitan area.

Submit nominations and applications to:

Dr. Harold Stern
Chair, Endowed Search Committee
Department of Electrical and Computer Engineering
University of Alabama
P.O. Box 870286
Tuscaloosa, AL 35487-0286

Questions can be addressed as above or else sent electronically to lstern@ece.eng.ua.edu. Applicants should send a letter of interest, a current vita, and names of at least three references. Nominations are encouraged. Review of applications will begin February 4, 2002 and will continue until the position is filled. Female and minority candidates are encouraged to apply. The University of Alabama is an equal opportunity, affirmative action employer.

SOFTWARE PROGRAMMER

Must read, write and speak fluently Korean. Designs, develops and implements software programs both in English and Korean by using various applications and systems. Analyzes and evaluates technical specification for system design and programming by using software programming languages such as COBOL, C, C++, Visual Basic. Access to carry out unit test and integration of units and implementation and installation of final software. BS in Computer Science or Engineering, Min 2 yr exp. Proof of legal auth. to work in U.S. $62,920 yr, 9am –5pm, M-F, 40hr/wk. Apply in person or sent 2 resumes to Georgia Department of Labor, Gwinnett, Job Order #GA 7042140, 1535 Atkinson Rd., Lawrenceville, GA 30043-5601 or the nearest Department of Labor Field Service Office.

THE UNIVERSITY OF ALABAMA

Department of Computer Science invites applications for at least two tenure-track faculty positions at any level (Assistant, Associate, or Full Professor) to begin on or after January 1st, 2002.

Candidates must have an earned Ph.D. in computer science or a related field, with an evidence of research potential, commitment to teaching, and willingness to participate in the Department’s graduate and undergraduate programs. Applicants from all areas of computer science will be considered. Those who specialize in software engineering, database systems, operating systems, or networking are particularly encouraged to apply.

The Department of Computer Science
Currently has 20 faculty (12 tenured/tenure-track), over 300 undergraduates in a CSEAB-accredited B.S. degree, and over 40 M.S. and Ph.D. students. We expect to grow to 16 tenured/tenure-track faculty within two years. Areas of current research emphasis include algorithms, artificial intelligence, database systems, human-computer interface, networking, operating systems, programming languages, and software engineering. The University of Alabama is a charter member of Internet2.

Outstanding applicants should send a curriculum vitae and the names and addresses of at least three references to: Dr. Richard Borie, Chair Computer Science Search Committee Department of Computer Science Box 870290 The University of Alabama Tuscaloosa, AL 35487-0290. For additional information, please visit http://cs.ua.edu, or contact Richard Borie at borie@cs.ua.edu.

Review of applications will begin January 1, 2002 and will continue until the positions are filled. The University of Alabama is an equal opportunity/affirmative action employer. Women and minorities are particularly encouraged to apply.

THE UNIVERSITY OF TEXAS AT ARLINGTON
Computer Science and Engineering Department

The University of Texas at Arlington (UTA), Computer Science and Engineering (CSE) Department - CSE@UTA invites applications for multiple tenure-track faculty positions at all levels. However, preference will be given to positions at assistant or associate professor levels. All areas of computer science will be considered, including: software engineering; multimedia and video processing; bio-informatics; pervasive computing; intelligent systems; networks and telecommunications; database and data mining; and applied theory. UTA, part of the University of Texas System, is located in the heart of the rapidly growing Dallas/Fort Worth area, one of the nation’s largest high-technology regions, with a flourishing industrial base and excellent opportunities for industry/university collaboration.

We at CSE@UTA are committed to excellence in research, teaching, and service. Last year we kicked off a “Top 25 Initiative” with the goal of reaching a national top 25 ranking. The initiative is strongly supported by all CSE@UTA stakeholders including the UTA administration, our students and alumni, and our industry partners. The highlights of the Top 25 Initiative include significant increase in tenure track faculty positions and PhD students; significant increase in research funds; and establishment of endowed faculty fellowships, endowed faculty chairs, and industry-sponsored laboratories.

Applicants must have an earned doctorate in computer science, computer engineering, or closely related fields and a commitment to teaching and scholarly research. Applicants are expected to have an excellent record of professional accomplishments, commensurate with their level of experience. The faculty openings are anticipated for September 2002. Screening of applications will begin immediately and will continue until all positions are filled. Interested persons should send a resume and reference letters to: Dr. David Kung, Chair of Search Committee Department of Computer Science and Engineering P.O. Box 19015 For overnight express: 416 Yates St., NH300 Arlington, TX 76019-0015 Phone: 817-272-3605 FAX: 817-272-3070 Email: search@cse.uta.edu.

The University of Texas at Arlington is an Equal Opportunity/Affirmative Action Employer.

THE UNIVERSITY OF ARIZONA

The Department of Electrical and Computer Engineering at the University of Arizona in Tucson, AZ, seeks outstanding faculty candidates for a tenure track position in Computer Engineering, preferably at the Assistant Professor level. All emerging areas in computer engineering are of interest including (but not limited to): high performance digital and/or mixed signal systems design, synthesis, testing, formal verification, embedded systems, and VLSI CAD for deep submicron systems design. Applicants must have received a doctoral degree in Electrical or Computer Engineering or related discipline. Excellence in research and a potential for excellence in teaching are important requirements. The successful candidate will be expected to establish a high quality research program and to teach undergraduate and graduate courses in their general area of specialty. The VLSI faculty in the Computer Engineering and Microelectronics groups in the ECE Department are particularly seeking candidates who are interested in participating on collaborative efforts. Applicants must send a resume, a statement of teaching and research interests, and a list of three references to: Prof. John A. Reagan, Department Head, Electrical and Computer Engineering, The University of Arizona, Tucson, AZ 85721.

The Department of ECE is in the top 10 percent of ECE departments in all U.S. colleges and universities. This year’s U.S. News & World Report graduate rankings for Electrical/Electronic Engineering specialties lists UA-ECE among the top twenty public universities. Research funding in previous years amounted to over $5.2 million/year. There are currently 881 undergraduate students and 278 graduate students enrolled in the department.

Review of application materials is currently ongoing and will continue until the positions are filled. The University of Arizona is an EEO/AA Employer – M/W/D/V. Applicants must be able to provide proof of authorization to work in the United States.

PURDUE UNIVERSITY
North Central Faculty Position Computer Technology

See DETAILS AT: http://www.purdueenc.edu/pr/facfull.html

UPPSALA UNIVERSITY AND UNIVERSITY OF GÄVLE

Swede Professor Chair in Computer Graphics

Uppsala University and the University of Gävle are jointly recruiting a professor in computer graphics. At the University of Gävle where 80% of the appointment will be the Creative Media Lab, http://www.cml.hig.se/ offers an active research environment for the new position and there is a specialized undergraduate program in “Creative programming”. At Uppsala University there are several courses in computer graphics and many research groups interested in applying graphics and visualisation techniques. In order to build a stronger research environment the Department of Information Technology at Uppsala University, http://www.it.uu.se/, is currently also recruiting an assistant professor in the same field.

The person employed will be expected to carry the main responsibility for research and graduate training in the subject-area, and teach and advise undergraduate and graduate students.

A full advertisement with information about whom to contact for more information and how to apply can be found at: www.personalit.uu.se/ledigapottering.html or be requested from Helena Pettersson@uadm.uu.se.

Closing date is February 15, 2002

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 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 at least one of which should comment on teaching, to Search Committee Chair, Dept. of Mathematics and Computer Science, Clark University, Worcester, MA 01610-1477, or to tshusas@clarku.edu.

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**SYSTEMS ENGINEER**

Implementation and administration of networks running Novell NetWare 4.1 and 5.1, Microsoft Windows NT 4.0 and 2000. Travel to remote sites for server implementation and maintenance, performance tuning and troubleshooting on an as-needed basis. Maintain and tune Novell and Windows NT server performance in regional offices. Lotus Notes server administration and support. Lotus Notes end user problems. Supervise, mentor junior systems engineer. Req B.S. or foreign equiv in comp sci or related field. Must possess certification in Novell Netware 4.0 or higher and Windows NT 4.0 or higher. Mail resume to Ms. Christine Bedalow, Director of Recruiting, Navigant Consulting, Inc., One Mid America Plaza, Suite 300, Oakbrook Terrace, Illinois 60181, or fax to 630-573-0057. Position in Lawrenceville, N.J.

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**VISUALIZATION RESEARCH SCIENTISTS**

The Advanced Computing Group in the Computer and Computational Sciences (CCS) Division is looking for Visualization Research Scientists. Principal duties include research and development of high performance parallel and distributed visualization algorithms and tools, working with users to assist in their visualization needs, and interfacing with other scientists associated with CCS Division. CCS-1 serves as a focal point for Lab research in advanced computing, providing technologically advanced facilities in parallel computation, high-speed networking and scientific visualization. It fosters an environment that encourages applications-driven, interdisciplinary work in computer science, engineering, applied mathematics, and other sciences; and serves as an interface to the computational science community outside Los Alamos. Ability to obtain a DOE Q clearance which normally requires U.S. citizenship is required. Ph.D. in computer science or equivalent combination of relevant education and experience is required.

To Apply: Submit a comprehensive resume and cover letter that addresses the specific required criteria, referencing "IEEE-016348", via email to jobs@lanl.gov, or via postal service to Los Alamos National Laboratory, Resume Service Center, Mailstop P286, Los Alamos, NM 87545.

Please visit our web site at www.lanl.gov/jobs. Los Alamos National Laboratory is operated by the University of California for the Department of Energy. AA/EOE.

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**STANFORD UNIVERSITY**

**Department of Electrical Engineering**

**Broad Area Search**

The Department of Electrical Engineering at Stanford University (http://ee.stanford.edu) invites applications for one or more tenure-track faculty appointments at the assistant professor level in the broadly defined field of electrical and computer engineering. While outstanding candidates from all areas of research in electrical engineering are encouraged to apply, areas in which we are especially interested at present include embedded systems, digital signal processing, optical and electronic devices, and interface circuit design.

An earned Ph.D., evidence of the ability to pursue independent research, and a strong commitment to both graduate and undergraduate teaching are required. The successful candidate will be expected to teach graduate and undergraduate courses both in the candidate’s specialty area and in related subjects, and to build and lead a group of graduate students in Ph.D. research.

Applications should include a resume, a list of publications, a brief statement of research and teaching interests and the names of at least five references. They should be forwarded to:

Professor Umran Inan,
Search Committee Chair
Department of Electrical Engineering
Packard 355
Stanford University
Stanford, CA 94305-9505

The review of applications will begin on January 15, 2002, but applications will be accepted until March 1, 2002. Stanford University is an equal opportunity employer and welcomes nominations of women and minority group members and applications from them.

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**UNIVERSITY OF COLORADO AT DENVER**

The Department of Computer Science and Engineering invites applications for multiple tenure-track faculty positions, beginning August 12, 2002, subject to available funding. Qualified applicants will be considered at the Assistant and Associate Professor levels. We are interested in applicants with strengths in any of the following areas: software engineering, bio-informatics, database systems, network security, and other areas of computer engineering and computer science. Applicants must have been awarded a doctorate in computer science or a related field prior to August 12, 2002. Strong research potential and teaching ability is required for appointment as Assistant Professor. An established research agenda, a history of external funding and demonstrated success in teaching is required for appointment as Associate Professor. Review of applications begins immediately and continues until positions are filled. Send letter of interest, current vita, and names and telephone numbers of at least three professional references to:

Chair of Faculty Search Committee
University of Colorado at Denver
Department of Computer Science and Engineering
Campus Box 109
P.O. Box 173364
Denver, CO 80217-3364

Visit our web site at http://carbon.cs. denver.edu/public/compsci

The Colorado Open Records Act applies. The University of Colorado at Denver is an equal opportunity employer and educator committed to excellence through inclusiveness.

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**PROGRAMMER/ANALYST**

Design, develop and implement software applications for Windows OS to conduct hearing measurements using distortion product and transient-evoked methods; Prog Lang: VB6, C, & SQL; Databases incl: OZ Sims 2.9, Hi*Track; OS incl: Linux, Windows, Palm OS 3.5 and MS-DO5; Tools incl: InstallShield Prof. 6, MS Visual Studio 6 & Office 2000. Req’s. BA in Industrial Eng or Comp Eng. Send Resume to: Mimosa Acoustics, POB 1111, Mountainside, NJ 07092.

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**SYSTEMS ANALYSTS**

Bachelor’s Degree in computer related field, math or engineering req. Send ad w/ resume to: OSI Consulting Inc., Attn: PKN, 5950, Canoga Ave. #300, Woodland Hills, CA 91367.

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**HOFSTRA UNIVERSITY**

The Department of Engineering at Hofstra University - Assistant or Associate Professor tenure-track faculty position in Computer Engineering. Areas of particular interest: computer architecture, networking, hardware-software co-design, embedded and distributed systems, and digital hardware design and testing. Earned doctorate in Electrical Engineering or Computer Engineering, a strong commitment to effective teaching including laboratory development, outstanding scholarly research achievement, and potential to attract external funding for research. Teach undergraduate courses in electrical engineering and computer engineering, and establish or continue a viable research program. The department has 14 faculty members, among them an IEEE Fellow. The University is...
located on Long Island about 25 miles east of Manhattan. Curriculum vitae, a statement of teaching and research interests, sample publications and three references to: Dr. Sina Y. Rabbanby, Chairman, Department of Engineering, 104 Weed Hall, Hofstra University, Hempstead, NY 11549 1330. Phone: (516) 463-6021 or 5544, Fax: (516) 463-4939, email: Sina.Y.Rabbanby@Hofstra.edu. Starting date is September 2002 or as soon as possible. Hofstra University is an Equal Opportunity Affirmative Action Employer.

PROGRAMMER ANALYST

FT Prgrmr Analyst Wrkng VB6,Oracle/ D2k,WINNT/II5,LotusNotes,C,Asp/Coldf usion,MS Sql7. Rqrs BS Computer Sc. With 2 Yrs EXP. Sent to: Marketing Solutions ,5930 Royal Ln, Ste 321 Dallas TX 75230

UNIVERSITY AT BUFFALO THE STATE UNIVERSITY OF NEW YORK Department of Computer Science and Engineering Teaching Faculty

The Department of Computer Science & Engineering at the University at Buffalo (SUNY) has openings for two non-tenure-track Lecturer positions beginning Fall 2002. The department has a strong commitment to hiring and retaining lecturers for these career-oriented positions renewable for an unlimited number of 3 year terms.

Applicants for these positions must have at least an MS degree in Computer Science/Engineering, or related field, by September 2002, and strong teaching credentials. Ph.D. holders are preferred and will be eligible for the in-house title of Teaching Assistant Professor and for membership in the graduate faculty.

Duties include teaching and development of undergraduate Computer Science and Engineering courses (with an emphasis on lower-division), advising undergraduate students, and participation in department and university governance. Contribution to research is encouraged.

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 at http://www.cse.buffalo.edu .

All applications should include a cover letter, curriculum vitae, and the names of at least three references. Applications should be addressed to:

Chair, Lecturer Search Committee, Department of Computer Science and Engineering, 201 Bell Hall, University at Buffalo, Buffalo, NY 14260-2000. Email: cse-lecturer-search@cse.buffalo.edu. Due date for applications is March 31, 2002, or until positions are filled. Applicants should also have their letters of reference sent to the above address by the due date.

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

UTAH STATE UNIVERSITY Dept of Computer Science

Applications are invited for faculty positions at the Assistant level, beginning January 2002 or Fall 2002. Applicants must have completed a PhD in computer science or a closely related field by the time of appointment. The positions require a demonstrated potential for computer science research as well as the ability to teach both undergraduate and graduate courses and supervise student research. Strong applicants in all areas of computer science research will be considered. Specialties of particular interest are bioinformatics, software engineering, distributed systems, networking, computer security, or computer graphics.

The department currently has 250 undergraduate majors and 75 MS students. The BS degree is CSAB accredited. For Fall 2002 we will begin admitting PhD students. Thus faculty hired into these positions will have a unique opportunity to build a PhD program. Utah State University is a Carnegie I Research Institute and is No. 1 in the nation in the amount of research dollars generated per faculty member. This environment allows a researcher invaluable interaction across a wide variety of active professional fields as well as an administration understanding of researcher needs. Utah State University is situated in a beautiful mountain valley with some of the world's best outdoor recreation opportunities. (www.cs.usu.edu)

Qualified applicants should send a letter of interest, current curriculum vitae (statement of research experience and interests, publications, teaching experience, and a copy of their graduate transcript), and the names of three references that the committee may contact, to:

Faculty Search Committee
Dept. of Computer Science
Utah State University,
Logan, UT. 84322-4205

Applications will be reviewed until the positions are filled. Salary will be competitive depending on qualifications. USU is an affirmative action/equal opportunity employer. Women and minority applicants are encouraged to apply.

UNIVERSITY OF NEW HAMPSHIRE Assistant/Associate/Full Professor Computer Science

The Computer Science Department invites applicants for two tenure-track faculty positions at the Assistant/Associate/Full Professor level beginning Fall 2002. The department is particularly interested in candidates with research and teaching interests in software engineering, distributed systems, computer networks, and operating systems, but will consider all areas. We seek candidates with a commitment to both quality research and teaching.

We offer new faculty a reduced teaching load to assist them in establishing a research program. A Ph.D. in Computer Science or a closely related field is required. We offer BS, MS, and Ph.D. degrees and currently have approximately 175 undergraduate majors and seventy graduate students. The University of New Hampshire is a medium sized institution (12,000 students) located in the seacoast region of New Hampshire – sixty miles north of Boston and sixty miles south of the White Mountains.

Applicants should submit a curriculum vitae, a statement of research interests, a list of references, and up to three sample publications. Review of applications begins immediately and will continue until the position is filled: Faculty Search Committee/Department of Computer Science, Kingsbury Hall, UNH, Durham, NH 03824; Tel. (603) 862-3773; e-mail facsearch@cs.unh.edu. http://www.cs.unh.edu.

UNH is committed to excellence through diversity among its faculty and strongly encourages women and minorities to apply.

UNIVERSITY OF OREGON

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 assistant and associate professor levels, teaching and research at the assistant professor level, and graphics and user interfaces at the associate professor level. Outstanding 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.uoregon.edu , or mail your request to: University of Oregon, Dept. of Computer and Information Science, Eugene, OR 97403-1202. The University of Oregon is an AAU research
university located in Eugene and within an easy drive of both the Pacific Ocean and the snow-capped Cascade Mountains.

Applicants should send their curriculum vitae, the names of at least four references, a statement of research and teaching interests, and selected publications to: Faculty Search Committee, Dept. of Computer and Information Science, University of Oregon, Eugene, OR 97403-1202; email: faculty.search@cs.uoregon.edu. Review of applications will begin in December 2001 and continue until the positions are filled.

The University of Oregon is an Equal Opportunity/Affirmative Action institution committed to cultural diversity and compliance with the Americans with Disabilities Act.

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**YORK UNIVERSITY**

Department of Physics and Astronomy

Toronto, Ontario, Canada

York University seeks tenure track ASSISTANT PROFESSOR in Space Engineering. Details at: http://www.physics.yorku.ca/jobs/academic.htm

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**OREGON INSTITUTE OF TECHNOLOGY**

Computer Systems Engineering Technology

Oregon Institute of Technology is initiating a search to hire two full-time faculty members in the Computer Systems Engineering Technology Department. These are nine-month, tenure-track positions beginning fall term 2002. Candidates must have demonstrated expertise and practical experience in two or more of the following areas:

- Embedded System Design (micro-controllers)
- Computer Organization and Architecture
- Fundamentals of Digital Logic
- Design with Programmable Logic Devices (PLDs)
- Microprocessors and Microprocessor System Design

Master's degree in Computer, Electrical or Electronics Engineering preferred. Full description of the position is found at our website, www.oit.edu/teach.html. To apply, send a letter of application, resume, and names, addresses, phone numbers, and e-mail addresses of three professional references to:

Office of Human Resources
3021 Campus Drive
Klamath Falls, OR 97601

Oregon Institute of Technology

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**UNIVERSITY OF TEXAS AT EL PASO**

RESPONSIBILITIES: Teaching and research in electrical and computer engineering. Special emphasis in computer engineering, wireless communications, biomedicine engineering and analog/mixed signals.

QUALIFICATIONS: Ph.D. in electrical engineering, computer engineering or a closely related field.

TEXT OF ADVERTISEMENT: The University of Texas at El Paso (UTEP): Electrical and Computer Engineering Department invites applications for several tenure-track positions at the rank of Assistant and Associate Professor starting Spring or Fall Semester 2002. Candidates should have a Ph.D. with relevant experience in computer engineering or wireless communications or biomedical engineering, or analog/mixed signals. The duties include developing and teaching graduate and undergraduate courses, conducting research and supervising graduate students. Send applications along with names and contact information of three references to Dr. Mehdi Shadaram, Chairman and Professor, Electrical and Computer Engineering Department, University of Texas at El Paso, El Paso, TX 79968; e-mail: shadaram@utep.edu. UTEP is an Equal Opportunity and Affirmative Action Employer.

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**UNIVERSITY OF HEIDELBERG**

The Faculty for Clinical Medicine, Mannheim of University Heidelberg invites applications for the position of a Full Professorship (C4) for Computational Clinical Medicine from candidates representing in research and teaching the subject of Medicine including applications of Computer Science in Clinical Medicine.

Applicants should provide evidence for significant research accomplishments and potential in the field of Computational Medicine, e.g. in one or several of the following areas:

- computer aided diagnosis and therapy
- computer aided surgical planning
- simulation of surgical intervention
- smart instruments including medical robots

The holder of the position will be expected to take part appropriately in teaching activities in the graduate study of Medicine, and the advanced/elective subject “Computational Medicine” in the graduate study of Computer Engineering at the University of Mannheim. The Habilitation degree or comparable achievements are required.

Section 1, Paragraph 67 of the Universitätsgesetz (University Law) requires that a candidate without a previous appointment as university professor in the German university system be initially employed on a non-tenured basis. The appointee is not required to reapply for the position if his/her contract is to be extended beyond the initial term. Exceptions to these regulations may be granted if candidates from abroad or from outside the university system refuse to accept an appointment under these conditions.

The faculty intends to increase the number of women in teaching and research; women are therefore explicitly invited to apply.

Applicants should submit the usual papers (CV, account of the scientific and professional career, reports, list of publications, account of teaching experience and concept) within 6 weeks after publication of these notice to the Dekan der Fakultät für Klinische Medizin Mannheim der Universität Heidelberg, Universitätsklinikum Mannheim, D-68135 Mannheim.

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**NORTHEASTERN UNIVERSITY**

Department of Computer Science

Faculty Recruitment

We seek outstanding junior and senior applicants from a variety of disciplines, with a special interest in systems, broadly construed, and fundamental technologies such as databases. Northwestern has built an excellent core faculty with expertise in AI, graphics, distributed and parallel systems, educational technology, theory and algorithms, robotics, multimedia systems, and design. We have now embarked on a campaign to gain national leadership, building on these core areas, but extending to all areas of computer science. We seek applicants who want to help build a young, dynamic department within a great University strongly supportive of Computer Science, located close to the city of Chicago with all that it has to offer, and in an area with some of the country’s finest school districts.

Send applications, including at least 3 references (preferably 5 for senior candidates), by January 31, 2002, to:

Faculty Search Committee
Northwestern University
Dept. of Computer Science
1890 Maple Ave.
Evanston, IL, 60201

or by email to facultysearch@cs.northwestern.edu

Northwestern University is an affirmative action/equal opportunity employer. Hiring is contingent upon eligibility to work in the United States. Applications by minorities and women are particularly encouraged.

January 2002