TOYOTA TECHNOLOGICAL INSTITUTE AT CHICAGO
Computer Science at TTI-Chicago

Toyota Technological Institute (TTI-Japan) is founding a new Department of Computer Science (TTI-Chicago) adjacent to the University of Chicago campus. Applications are invited for tenure-track and tenured faculty positions at all ranks.

TTI-Chicago will have exclusive use of the interest on a fund of $100 million being set aside by TTI-Japan for this purpose. TTI-Chicago will be dedicated to basic research, education of doctoral students, and a small masters program. Faculty members will receive continuing research grants and will have a teaching load of at most one course per year. TTI-Chicago will have close ties with the Computer Science Department of the University of Chicago.

Initial faculty appointments will commence in Autumn 2003, though some appointments may begin earlier by mutual agreement. The Department is projected to grow to a steady-state of thirty faculty by 2007.

Faculty are particularly sought with research programs in

- computational geometry
- databases and data mining
- human-computer interaction
- large-scale scientific simulation
- machine learning
- networking and distributed computing
- software and programming systems
- theoretical computer science

An advisory committee from the University of Chicago and Argonne National Laboratory will recruit the founding faculty, who will then assume leadership to determine the character of the department.

For more information, contact:
Mr. Frank Inagaki
Treasurer and Secretary to the Board
Toyota Technological Institute
at Chicago
finagaki@uchicago.edu

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, 2003. 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. The Department of Computer and Information Science is undergoing a major expansion, including new faculty positions and a new building, Levine Hall, with completion this academic year. Over the last year, we have successfully recruited faculty in artificial intelligence, computer architecture, databases, distributed systems, machine vision, programming languages, and security. We are now especially interested in candidates in computer architecture, computational biology, cryptography, embedded systems, and graphics and animation, but we will consider seriously applications by outstanding candidates in all areas at all levels, especially those who complement our current strengths in algorithms, artificial intelligence, databases, formal methods, machine vision, and networking and distributed systems.

The University of Pennsylvania is an Ivy League University located near the center of Philadelphia, the 5th largest city in the US. Within walking distance of each other are its Schools of Arts and Sciences, Engineering, Medicine, the Wharton School, the Annenberg School of Communication, Nursing, Law, and Fine Arts. The University campus and its surroundings in Philadelphia benefit from a rich diversity of scientific, educational, and cultural opportunities, major technology-driven industries such as pharmaceuticals and aerospace, as well as attractive urban and suburban residential neighborhoods. Princeton and New York City are within commuting distance.

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, 2003 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.

YALE UNIVERSITY

The Department of Electrical Engineering invites outstanding candidates to apply for one or more junior faculty positions in computer engineering, with the following areas of research interest: (1) Networking with an emphasis on multimedia over wireless systems; in particular their system implementations (2) Embedded Systems with emphases on hardware/software co-design and core-based design; (3) Design Automation with emphases on synthesis, low power, fault-tolerance, and dependability; and (4) Computer Architecture with emphases on high-performance, SMT, and parallel architecture. Faculty members are expected to contribute to Yale's Electrical Engineering program by teaching both undergraduate and graduate courses, advising students, and developing strong sponsored research programs. Please send a resume and a list of 4-5 references to Chair, Department of Electrical Engineering, Yale University, P.O. Box 208284, New Haven, CT 06520-8284. Electronic submission is welcome. Please email application materials to t.ma@yale.edu. Application must be received by December 1, 2002, although earlier submission is encouraged. Yale University is an Equal Opportunity/Affirmative Action employer.

UNIVERSITY OF CINCINNATI

The Department of Electrical & Computer Engineering and Computer Science invites applications and nominations for Assistant/Associate Professor positions in Computer Engineering and Computer Sci-

SUBMISSION DETAILS: Rates are $26.00 per line (ten lines minimum). Average five typeset words per line, eight lines per column inch. Add $10 for box number. Send copy at least one month prior to publication date to: Marian Anderson, Classified Advertising, *Computer* Magazine, 10662 Los Vaqueros Circle, PO Box 3014, Los Alamitos, CA 90720-1314; (714) 821-8380; fax (714) 821-4010. Email: manderson@computer.org.

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 been 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.

ence, although appointment at higher rank will be considered for candidates with exceptional qualifications. Areas of interest include, but are not limited to, 1) VLSI and design automation, 2) programming languages and algorithms, and 3) networks and distributed systems. Candidates must have earned Ph.D. degrees in Computer Science, Computer Engineering, or a closely related field, and have the commitment to develop significant funded research programs and to provide effective instruction at the undergraduate and graduate levels.

The ECECS Department offers undergraduate programs and M.S. programs in Computer Science, Computer Engineering, and Electrical Engineering, and offers the Ph.D. in Computer Science & Engineering and in Electrical Engineering. The Department has 45 full-time faculty, 350 full-time graduate students and 550 undergraduate students, and awards approximately 35 M.S. and 15 Ph.D. degrees per year. Research and education programs are well-funded, with annual research funding over $6M. The Department has well-equipped research and teaching laboratories, and occupies 45,000 square feet of space including research laboratory space in a new Engineering Research Center. For additional information please see the departmental web site at http://www.ececs.uc.edu.

The University is completing a major building campaign designed to make it one of the finest urban settings in American higher education. The city of Cincinnati has been identified as one of the most livable cities in America, with excellent cultural and entertainment opportunities, a moderate cost of living, and a wealth of housing options.

Curricula vitae and/or nominations should be sent to Secretary for the Computing Search Committee, P.O. Box 210030, University of Cincinnati, Cincinnati, Ohio 45221-0030, or electronically to Search@ececs.uc.edu. The University of Cincinnati is an Affirmative Action/Equal Opportunity employer and encourages applications from women and minorities.

INDIANA UNIVERSITY
Computer Science Department
Faculty Positions

The Indiana University Computer Science Department anticipates filling several tenure-track faculty positions beginning 2003-2004. Areas of interest are databases, embedded systems, networking and programming languages. 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, data mining and security.

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

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

The department occupies a spacious 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 Oppor-

中央研究院・資訊科學研究所

The Institute of Information Science at Academia Sinica, Taiwan, R.O.C. invites suitable candidates to apply for the positions of postdoctoral fellows and junior and senior research fellows (equivalent to the rank of full professors and tenured associate professors) in all areas of Computer Science, particularly in Algorithms and Computation Theory, Software Systems, Networks and Communications, Artificial Intelligence, Human-Machine Interface and Interaction, Speech and Digital Signal Processing, System-on-Chip, VLSI Design and CAD, Internet Technology, E-commerce, and Chinese Specific Problems for Computers.

Academia Sinica, led by Nobel laureate Dr. Yuan-Tseh Lee, is the national academic research institution in Taiwan on various subjects in science and humanities. The Institute of Information Science is committed to quality research in computer and information science. Full-time research fellows in the institute have no teaching obligation. Current research activities are focused on Algorithms and Computation Theory, Biological Computing, Chinese Information Processing, Cognitive Science, Intelligent Systems and Computer Vision, Operating Systems and Networking, Parallel Computing, Software Methodologies, Knowledge Management, E-commerce, Bio-informatics, Wireless Internet and other Internet related research.

All candidates should have a Ph.D. degree in computer science or closely related fields with good research background and publication records. Senior candidates must demonstrate a strong leadership and have an international reputation as evidenced by publications, patents, industrial practical experience, or other academic and scholarly achievements.

Salary is based on individual qualification. Additional salary support from the Advancement of Outstanding Scholarship is available on application for senior applicants with exceptional qualifications. In addition to the budgeted research funding supported by Academia Sinica, external funding through government agencies and industry-sponsored institutions is also available.

All candidates should send a detailed curriculum vitae, copies of selected publications, at least 2 recommendation letters, and a doctoral degree certificate or a letter indicating (potential) completion of the degree requirement to:

Dr. Jan-Ming Ho, Deputy Director
Institute of Information Science
Academia Sinica
Nankang 115, Taipei, Taiwan
TEL: 886-2-2788-3799 ext. 1803
FAX: 886-2-2782-4814
E-mail: hoho@iis.sinica.edu.tw

Fluency in Chinese will be an advantage. The deadline for applications is **January 31, 2003**. For additional information, please see *http://www.iis.sinica.edu.tw*

tunity/Affirmative Action Employer. The Computer Science Department strongly encourages applications from women and minorities.

NORTHWESTERN UNIVERSITY
Department of Computer Science
Faculty Openings:
All Areas & All Ranks
http://www.cs.northwestern.edu

The Computer Science Department at Northwestern University invites applications in all areas of computer science for three or more faculty positions at all professorial ranks.

Northwestern has built an excellent core faculty with expertise in artificial intelligence, bioinformatics, design, distributed and parallel systems, e-commerce, educational technology, graphics, information systems, multimedia systems, robotics, and theoretical computer science. Building on these core areas and broadening to other strategic areas of computer science, we have now embarked on a campaign to attain national leadership at the forefront of computer science. We seek ambitious, energetic, and innovative candidates to join this young, dynamic, and rapidly growing department and encourage applications from qualified underrepresented minorities and women.

Successful candidates must have demonstrated commitment to teaching as well as strong abilities to pursue research. Typical teaching load is three quarter courses per year. The department will move to a new $35 million building in 2004. Compensation and start-up packages will be highly attractive.

Northwestern is a top-ranked and well-endowed private university. It attracts the brightest students from all fifty states and from around the world. The main campus is located on the Lake Michigan shore in Chicago's upscale north suburb of Evanston. With its combination of natural beauty, rich culture and the nation's finest school districts, this area has long been recognized as one of the most desirable places to live in the U.S.

Applicants should send a curriculum vita, statement of research and career objectives, and at least three references for junior positions and five for senior positions, by email to facultysearch@cs.northwestern.edu or by postal mail to

Faculty Search Committee
Department of Computer Science
Northwestern University
1890 Maple Avenue
Evanston, IL 60201

For full consideration, applications should be received by January 1, 2003. Preference will be given to early applications, and interviews may start in late fall, 2002.

Further information about the Department and the University can be found at http://www.cs.northwestern.edu and http://www.northwestern.edu.

Northwestern University is an Equal Opportunity, Affirmative Action employer. Hiring is contingent upon eligibility to work in the United States.

PURDUE UNIVERSITY
Department of Computer Sciences

The Department of Computer Sciences at Purdue University invites applications for tenure-track positions beginning August 2003. 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, mobile and wireless systems, scientific computing and computational biology, and software engineering.

The Department of Computer Sciences offers a stimulating and nurturing academic environment. Thirty-six faculty members have research programs in analysis of algorithms, bioinformatics, compilers, databases, distributed and parallel computing, geometric modeling and scientific

---

THE CHINESE UNIVERSITY OF HONG KONG

Applications are invited for:

Department of Computer Science and Engineering
Assistant Professors/Associate Professors/Professors

(Ref. 02/098(363)/2)

Applicants should have (a) a relevant PhD degree; (b) strong commitment to excellent research and teaching; and (c) outstanding research accomplishments or potential. Those with experience in the following areas are particularly welcome: (i) Computer Security; (ii) Computational Finance; (iii) Bioinformatics; (iv) Internet and Multimedia; (v) VLSI and Embedded Systems; (vi) Software Technology; (vii) Software Engineering; (viii) Database; (ix) Operating Systems and Networking. The principal medium of instruction is English. Appointments will initially be made on fixed-term contract basis for up to three years from August 2003, renewable subject to mutual agreement. Visiting appointments will also be considered. Applicants will be accepted until the positions are filled.

A profile of the Department can be found at **http://www.cse.cuhk.edu.hk**.

Annual Salary and Fringe Benefits
Assistant Professor/Associate Professor/Professor :Salaries for the respective levels of professorships will be highly competitive (approx. exchange rate in October 2002: US$1 = HK$7.75; £1 = HK$12.18; C$1 = HK$4.96; A$1 = HK$4.26). Starting salary and level of appointment will be commensurate with qualifications and experience.

Benefits include leave with full pay, medical/dental care and hospitalization benefits; housing benefit for eligible appointee (subject to the rules for the prevention of double housing benefits); plus where applicable a contract-end gratuity and University contribution to retirement scheme (totalling up to 15% of basic salary).

Further information about the University and the general terms of service for teaching appointees is available on our homepage **http://www.cuhk.edu.hk**. The salary figures and the terms and conditions of service mentioned herein are for reference only and are subject to revision by the University from time to time.

Application Procedure
Please send an application letter together with full resume, a brief research plan, copies of academic credentials, a publication list, selected publications and at least three pieces of reference, to Professor K.S. Leung, Chairman, Department of Computer Science and Engineering, Ho Sin-Hang Engineering Building, The Chinese University of Hong Kong, Shatin, New Territories, Hong Kong (Fax: (852) 2603 5302 or e-mail: recruit@cse.cuhk.edu.hk.) The Personal Information Collection Statement will be provided upon request. Please quote the appropriate reference number and mark 'Application - Confidential' on cover.

visualization, graphics, information security, networking and operating systems, programming languages, scientific computing, and software engineering. The department implements a strategic plan for future growth which is strongly supported by the higher administration. This plan includes a new building expected to be operational in 2005 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. Applicants can apply electronically by sending a curriculum vitae, a statement of career objectives, and names and contact information of at least three references as a postscript or .pdf file to fac-search@cs.purdue.edu. Alternatively, applicants can send hard copies of their application 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. Any inquiries should 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.

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-information 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 February 28, 2003. Applicants should send a resume and at least three references to:

Professor Zen-Chung Shih, Chairman
Dept. of Computer and Information Science
National Chiao Tung University
Hsinchu, Taiwan 30010
FAX: +886-3-5721490
Email: recruit@cis.nctu.edu.tw
Web site: http://www.cis.nctu.edu.tw

UNIVERSITY OF CALIFORNIA, DAVIS
Faculty Positions in Electrical and Computer Engineering

The Department of Electrical and Computer Engineering at UC Davis seeks outstanding faculty candidates for up to 3 open tenure track positions in the following broad areas of Electrical and Computer Engineering.

•**Computer engineering:** all fields, including: image and video signal processing and the man/machine interface; ad-hoc computer networks, embedded systems, low-power design, and real-time

---

Virginia Tech
Computer Science Department

Virginia Tech

The Department of Computer Science and the Virginia Bioinformatics Institute (VBI) seek applications for several tenure-track positions in the Department of Computer Science from individuals desiring to make fundamental contributions to both computer science and the life sciences in bioinformatics. Applicants for a senior position must have a significant track record of grant funding. All applicants must have a PhD in Computer Science or an allied area, a demonstrated record of publications in computer science or computational science, and a commitment to addressing significant life science problems. Full information about the positions and the department is available at **http://www.cs.vt.edu.**

The university has a strong commitment to bioinformatics. VBI (**http://www.vbi.vt.edu**) serves as a flagship bioinformatics research institute wedding cutting-edge biological research with state-of-the-art computer science. The Department of Computer Science has an outstanding record of multidisciplinary research, and has projects in human-computer interaction, high performance computing, problem solving environments, digital libraries, and bioinformatics.

Applicants should send a curriculum vitae, a 1-2 page statement of research goals in both computer science and life science, and at least three letters of reference to Bioinformatics Faculty Search, Dept. of Computer Science, 660 McBryde Hall (0106), Virginia Tech, Blacksburg, VA 24061. Review of candidates will begin November 15, 2002, and continue until the positions are filled. Virginia Tech is deeply committed to recruiting, selecting, promoting, and retaining women, persons of color, and persons with disabilities. We strongly value diversity in the university community, and seek to assure equality in education and employment. Individuals with disabilities desiring accommodations in the application process should notify Dr. Lenwood Heath, 540/231-4352, TTY: 800/828-1120.

MIT

FACULTY POSITION
SOFTWARE ENGINEERING

The Department of Aeronautics and Astronautics at MIT, a leader in the design and development of complex aircraft, space, transportation, information and communications systems, has a faculty opening in the Aerospace Information Systems Division. The department seeks candidates for a position in software engineering for aerospace applications, available in September 2003. The successful candidate must have a Ph.D. and relevant software engineering research credentials in one or more of these areas: requirements specification and analysis, assurance techniques, human-machine interaction, software design for embedded systems, safety, reliability and other quality attributes, software fault tolerance, or real-time application issues like scheduling and verification. A joint professorship with Computer Science is possible.

MIT encourages women and underrepresented minorities to apply. Application must include two copies of the following: a cover letter, a 2-5 page statement of research and teaching interests, and c.v. with the names and addresses of at least three individuals who will provide letters of recommendation. Forward applications by January 15, 2003 to: **Professor Edward F. Crawley, Head, MIT Department of Aeronautics and Astronautics, Room 33-207, 77 Massachusetts Avenue, Cambridge, MA 02139-4307; or by electronic mail to aa-fac@mit.edu (MS Word or plain text).**

Visit us at
http://web.mit.edu/aeroastro/www/careers/positions/fac_sweng.html

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

An Equal Opportunity/Affirmative Action Employer
Non-Smoking Environment
web.mit.edu/personnel/www

systems. For all specializations, a balance between practice and fundamental interests is expected.

•**Systems and technologies for next generation networks**, all fields, including wireless, optical, and electronic ultrahigh capacity networks. Key enabling technologies include mixed signal and high-speed analog circuits for wireless, wireline, and optical communications applications.

•**Emerging areas in electronic engineering:** all fields, including nano- and micro- structures, technologies, and materials; solid-state electronics and devices for use in electronic, microwave, optical, and biomedical systems.

All candidates must demonstrate a strong commitment to teaching at undergraduate and graduate levels, and to attracting significant extramural research support. Industrial experience will be viewed positively. We are interested in applicants at the Assistant or Associate Professor level, but we will consider all candidates. For senior candidates, exceptional research accomplishments and substantial funding experience will be essential. All positions require a Ph.D. degree or equivalent, and are open until filled, but in order to ensure earliest consideration, applications should be received by January 31, 2003. To apply, send a resume and the names of at least three references to:

Professor Jonathan P. Heritage, Chair
Department of Electrical and
Computer Engineering
Attention: Faculty Search Committee
University of California
One Shields Avenue
Davis, CA 95616-5294

The Department of Electrical and Computer Engineering at UC Davis is committed to building a more diverse faculty, staff, and student body as it responds to the changing population and educational needs of California and the nation. The University of California is an affirmative action/equal opportunity employer.

THE UNIVERSITY OF NORTH TEXAS
Department of Computer Science
Tenured and Tenure Track
Faculty Positions

The Department of Computer Science at the University of North Texas invites applications and nominations for multiple faculty positions, primarily at Assistant Professor Level. Although all areas of Computer Science will be considered, we are particularly interested in databases, data mining, computer networks, computer architecture, operating systems, compilers, software engineering, computer security. The positions require an earned doctoral degree in Computer Science or a related field and a potential for research and teaching. The positions are for Fall 2003. The University of North Texas is making substantial commitments to the growth of the Computer Science Department. The department is strongly committed to research and teaching excellence, and continued growth and increasing national visibility. Visit our website for more information, http://www.cs.unt.edu/

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

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

UNIVERSITY OF CALIFORNIA, LOS ANGELES
Department of Computer Science

The Department of Computer Science in the Henry Samueli School of Engineering and Applied Science at the University of California, Los Angeles, invites applications for tenure-track positions in all areas of Computer Science and Computer Engineering. Applications are also strongly encouraged from distinguished candidates at senior levels. The UCLA Campus administration is committed to significant growth in the faculty of Computer Science Department, with a projection of 3-4 new faculty members per year for the next five years.

Quality is our key criterion for applicant selection. Applicants should have a strong commitment to both research and teaching and an outstanding record of research for their level. We seek applicants in any mainstream area of Computer Science and Computer Engineering, but we particularly welcome those with a strength in systems, networking, compilers, theory, and in interdisciplinary areas such as bioinformatics and electronic commerce.

To apply, please visit http://www.cs.ucla.edu/recruit. Faculty applications received by January 15 will be given full consideration.

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

DICKINSON COLLEGE
Faculty Position in Computer Science

The Department of Mathematics and Computer Science invites applications for a tenure-track position in Computer Science starting fall 2003. This position will be filled at the assistant or associate level depending upon applicant experience. Applicants should have or be completing a Ph.D. in computer science or a related field. They should have a strong commitment to both teaching and scholarship in an undergraduate liberal arts environment.

NATIONAL ICT AUSTRALIA

Postdoctoral Fellowships

National ICT Australia Limited (NICTA) is seeking applications from high performing and entrepreneurial early career researchers or recently graduated PhD in Information and Communication Technology (ICT) disciplines students for appointment as Postdoctoral Fellows.

These positions will offer a high level of independence to pursue a research agenda of your choice within the framework and research vision of individual research programs **http://nicta.edu.au/programs.html**

NICTA expects to have approximately 30 vacancies overall attached to research programs in Sydney or Canberra which will be for periods from three to five years. Exceptionally performing researchers will be considered for future continuing appointments.

Remuneration will be internationally competitive, and funds will be available also for research support and infrastructure, and international conference travel support.

Applicants with an interest in being involved in this major new and exciting ICT research initiative should make initial contact with NICTA Research Program Leaders **http://nicta.edu.au/programleaders.html** for further information about the research plans of individual programs.

There is no closing date. This is a rolling recruitment program and assessment of applications will commence from 18 November 2002. Selection will take into account excellence of research record and a potential to contribute to the NICTA Mission **http://nicta.edu.au/mission.html**

For further information and how to apply see **http://nicta.edu.au/jobs/positions** or email **jobs@nicta.com.au**

Starcom1

Dickinson is a private, highly selective, liberal arts college with 2000 students located in south central Pennsylvania. The Department, which is housed in a new technology-rich science center, has major and minor programs in both computer science and mathematics. The faculty prides itself on implementing innovative teaching pedagogy, promoting student/faculty research, and fostering strong student/faculty interactions.

Please send a CV and separate statements on teaching philosophy and research interests to: Prof. Grant Braught, Department of Mathematics and Computer Science, Dickinson College, Carlisle, PA 17013. Also, arrange for three letters of recommendation and copies of graduate transcripts to be sent to the same address. Completed applications will be reviewed as received. For further information see http://www.dickinson.edu/departments/mathcs or E-mail braught@dickinson.edu.

Dickinson College is an Affirmative Action/Equal Opportunity Employer. Women and minorities are especially encouraged to apply.

BYU

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

UNIVERSITY OF CALIFORNIA, SANTA CRUZ
Assistant Professor
Computer Engineering

The Computer Engineering Department of the Baskin School of Engineering at the University of California, Santa Cruz (UCSC) invites applications for a tenure-track Assistant Professor position starting Fall 2003. We seek outstanding applicants in all areas of Computer Engineering, and particularly welcome those with research interests in embedded systems, computer networks, computer system design, autonomous systems, and robotics.

The Department has 18 faculty with research programs in wireless networks, internetworking, high-speed networking, computer vision and multimedia, VLSI and VLSI CAD, embedded systems, software engineering, storage systems, parallel and distributed systems, and bioinformatics. UCSC is the UC campus nearest to Silicon Valley and has close research ties with the computer industry.

Applicants should submit a curriculum vitae, statements of research plans and teaching interests, and copies or URLs of selected reprints to:

Computer Engineering Search
Baskin School of Engineering
University of California, Santa Cruz
Santa Cruz, CA 95064

Please refer to provision 588-03 in all correspondence. Applicants should ensure that three confidential letters of recommendation are sent under separate cover. Contact information for the references should be included with the applicant's submitted material. Letter writers must read UCSC's confidentiality statement at http://www2.ucsc.edu/ahr/policies/confstm.htm.

Screening will begin on January 3, 2003, and continue until the position is filled. Refer to http://www.soe.ucsc.edu/events/jobs/ for information on electronic submission of applications. For further details about the School of Engineering at UCSC, see http://www.soe.ucsc.edu/.

UCSC is an EEO/AA/IRCA Employer.

UNIVERSITY OF UTAH
Tenure Track Faculty Positions

The University of Utah's School of Computing seeks applicants for tenure-track faculty positions at all levels. Utah's School of Computing, known for its pioneering role in computer graphics, has developed strong research programs in other applied areas such as geometric modeling, virtual environments, architecture and systems, VLSI, scientific computation, robotics, natural language processing, and computer vision. Our program includes large, multi-investigator efforts addressing large-scale problems of significant impact in the above areas, as well as a number of individual investigator research activities. Research areas and course offerings benefit from the quality and breadth of our faculty and emphasize a balance of theoretical foundations and practical engineering. As the School of Computing, we have been funded to expand from 23 to 30 regular faculty members, and we have several open positions. We will consider candidates with strong research and teaching profiles in all areas of computer science, but we especially seek candidates in computer engineering, scientific computing & visualization, systems, and algorithms. Applicants should have earned a Ph.D. in Computer Science or a closely related field. The University of Utah is located in Salt Lake City, the hub of a large metropolitan area with excellent cultural facilities and unsurpassed opportunities for outdoor recreation only a few minutes drive away. Additional information about the school can be found at http://www.cs.utah.edu. Please send Curriculum Vitae, a research goals statement, a teaching goals statement, and names and addresses of at least four references to:

Faculty Recruiting Committee
c/o Chris Coleman
coleman@cs.utah.edu

via email in PDF format.

The University of Utah is an Equal

U.S. Naval Academy

Computer Science Department

The Computer Science Department at the U.S. Naval Academy invites applications for one or more tenure track positions in **Information Technology (IT)** at the Assistant Professor level (anticipated to begin Fall of 2003). An earned Ph.D. in Information Technology, Computer Science (CS) or related field is required.

The applicant must have good communication skills, commitment to excellence in teaching, broad teaching interests, and ongoing research. It is essential that the candidate is interested in and willing to teach IT courses and supervise IT student research projects. Preference will be given to candidates willing to teach a broad range of IT courses from areas such as Information Systems, Web and Internet Programming, Database, Networks, Introduction to Computer Science or Data Structures.

The Computer Science Department offers a major in Computer Science leading to a Bachelor of Science degree (ABET accredited) and a new major in Information Technology. The department currently has 232 majors and a faculty of 17. Faculty and students have access to outstanding office and lab facilities including networked PCs and Suns. The department is projected to move into a newly renovated building Fall 2004. View our web pages at www.cs.usna.edu.

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

Faculty Search Committee, Computer Science Department
U.S. Naval Academy
572C Holloway Rd
Annapolis, Maryland 21402-5002

The United States Naval Academy is an Affirmative Action/Equal Opportunity Employer. This agency provides reasonable accommodations to applicants with disabilities.

These positions are subject to the availability of funds.

Opportunity, Affirmative Action Employer and encourages nominations and applications from women and minorities, and provides reasonable accommodation to the known disabilities of applicants and employees.

MILWAUKEE SCHOOL OF ENGINEERING
Software Engineering

The Electrical Engineering and Computer Science Department invites applications for open faculty positions in software engineering. Successful candidates will join with our current faculty members to continue development of MSOE's BSSE program, which produced its first graduates in May 2002. A doctorate in software engineering, computer engineering, or computer science is required. Expertise in all areas of software engineering practice and process is welcome, and practical software engineering experience is highly valued. Founded in 1903, MSOE is a private, applications-oriented university with programs in engineering, business, and nursing. MSOE provides its graduates with a strong foundation in theory and practice, achieving a 99 percent placement rate. MSOE's 12+ acre campus is located near Milwaukee's East Town, Theater District, and Lake Michigan. Please send resume and the names of three references to Faculty Search Committee, EECS Department, Milwaukee School of Engineering, 1025 N. Broadway, Milwaukee, WI 53202-3109. Further information is available on the web at www.msoe.edu/eecs/se/ <http://www.msoe.edu/eecs/se/>. An Equal Opportunity Employer

---

THE OHIO STATE UNIVERSITY

The Department of Computer and Information Science invites applications for several tenure-track/tenured positions. The department's focus areas are in artificial intelligence, graphics, networking, software engineering, and systems. Outstanding applicants in any of these areas will be considered, with priority given to the artificial intelligence (speech, vision, and machine learning in particular) and networking (security in particular) areas.

Appointments at all ranks will be considered. Applicants for an assistant professor position should hold or be completing a Ph.D. in computer science and engineering or a closely related field, and have a commitment 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 and encourages active collaborations With Ohio Supercomputer Center, Advanced Computing Center for the Arts and Design, Center for Cognitive Science, Department of Biomedical Informatics, and many other units in the university.

To apply, send a curriculum vita (including names and addresses of at least three references) and a statement of research and teaching interests, 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 information please see http://www.cis.ohio-state.edu.

The Ohio State University is an Equal Opportunity/Affirmative Action Employer. Qualified women, minorities, or individuals with disabilities are encouraged to apply.

UNIVERSITY OF ILLINOIS AT CHICAGO

The Electrical and Computer Engineering (ECE) Department at the University of Illinois at Chicago invites applications for Assistant, Associate, and Full Professors as well as Lecturers. Outstanding candidates in all areas of research are encouraged to apply. Areas of particular interests include Computer Engineering, MEMS & Nan-

www.uva.nl/vacatures

The Universiteit van Amsterdam aims to provide an inspiring, broad-based, international academic environment in which staff and students can reach their full potential. It offers a critical and creative intellectual climate, an atmosphere of self-reliance and independence of thought and a strong sense of commitment to contemporary society and to the local community.

FACULTY OF SCIENCE

The Universiteit van Amsterdam (UvA) is one of the leading institutions for higher education in Europe. It participates in the international science network, collaborating with major universities throughout the world. Each research institute within the Faculty of Science has its own research programme financed by the faculty, the national research council NWO, the government, EU departments and private enterprises.

Given the rapid developments in the field of Informatics and Internet in general, specifically the analysis and handling of information across the Internet, the Universiteit van Amsterdam will establish a new chair within the Informatics Institute for a

FULL-TIME PROFESSOR OF INTERNET INFORMATION.

The focus of the chair is on one or more of the following fields: Internet information handling, Internet text and picture mining, Internet standards, the Semantic Web, Internet authoring systems, Internet interactive systems and/or similar topics. The new chair will be positioned within the newly established Laboratory of Multi-media and Intelligent Systems in the Informatics Institute (see www.science.uva.nl/research/isis/ and ~/ias/). The new chair will participate in close interaction with these groups in the curricula on Computer Science, AI or Information Systems. The other laboratory of the Institute is called the Laboratory for Computing (~/scs/), System Architecture (~/arch/), and Programming, (~/prog/).

Appointment will be with tenure. The salary conforms to the rates for professors, scale A, the maximum of which amounts to € 6360 gross per month.

The Institute encourages applications from female candidates.

More information is provided by: Prof. dr. ir. Arnold W.M. Smeulders, phone +31 20 525 7460, home +31 20 679 0538, E-mail smeulders@science.uva.nl

Applicants are invited to submit their application with documentation to the UvA, Faculty of Science, Personnel Department, Kruislaan 404, 1098 SJ Amsterdam, The Netherlands. Applications should be received before 20 January 2003. Interviews will be held in the first week of February 2003.

A full description of this vacancy can be found at www.uva.nl/vacatures.

UvA UNIVERSITEIT VAN AMSTERDAM

otechnology, Microelectronics, Networks, and Power Electronics. Special emphasis this year is on Computer Engineering, and outstanding candidates in the areas of Computer Architecture, Computer Network, Embedded System-on-Chip, High-Performance System, Information Security, and VLSI/CAD are especially encouraged to apply. A Ph.D. in Computer Engineering/Electrical Engineering or a closely related field is required. Applicants for junior positions should demonstrate a strong research potential. Applicants for senior positions are expected to have a record of outstanding research and teaching accomplishment.

The ECE Department has about 30 faculty members among them 13 are IEEE Fellows. The Department offers B.S., M.S., and Ph.D. degrees to over 900 undergraduate students and over 400 graduate students. The Department is one of the leading research departments at UIC and is awarded over $5 million annually in external research grants. The departmental research centers and laboratories are located in over 13,000 square-feet of research space. These facilities include a 3,000 square-feet class 100/1000 clean room used by the Microfabrication Applications Laboratory. Its computing resources include over 200 computer workstations.

The University of Illinois at Chicago is one of four Carnegie Foundation Research-I universities in the State of Illinois and the largest institution of higher education in the Chicago area with an annual operating budget in excess of $1 billion. The university is in the midst of a $500 million project to develop its South Campus. The UIC campus is located near downtown Chicago and offers rich opportunities for collaboration with other universities, national research laboratories, and a growing high-tech industry. Chicago offers all the cultural amenities of a major city, and plenty of job opportunities. Applicants should send a resume with the names and addresses of at least three references to:

Chair, Faculty Search Committee
ECE Department (M/C 154)
University of Illinois at Chicago
851 South Morgan St.
Chicago, IL 60607-7053

For full consideration, applications must be received no later than March 1, 2003. However, applications will be considered until all positions are filled.

The University of Illinois at Chicago is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF CALIFORNIA, SANTA CRUZ
Research Scientist - Computer Engineering

The Computer Engineering Department of the Baskin School of Engineering at UCSC invites applications for 1–2 Assistant to Full Research Scientist positions starting Fall 2003. We seek outstanding applicants in all areas of Computer Engineering, and particularly welcome those with research interests in embedded systems, computer networks, computer system design, autonomous systems, and robotics.

The positions have a fiscal-year salary of $71,400–105,300 depending on qualifications. Departmental funding is up to 50% of salary, with extramural grants and research collaborations with UCSC faculty bringing the appointment up to full time. There will be opportunities to apply to teach graduate and undergraduate courses. The successful candidate will collaborate with graduate students, participate as PI and co-PI on grants, and take full part in the research mission of the Department.

CE has 18 faculty with research programs in wireless networks, internetworking, high-speed networking, computer vision and multimedia, VLSI and VLSI CAD, embedded systems, software engineering, storage systems, parallel and distributed systems, and bioinformatics. UCSC is the UC campus nearest to Silicon Valley and has close research ties with the computer industry.

Applicants should submit a curriculum vitae, statement of research plans, and copies or URLs of selected reprints to:

DIRECTOR: MATHEMATICAL, COMPUTER, AND INFORMATION SCIENCES DIVISION

The Office of Naval Research (ONR) is seeking an outstanding individual to serve in this Civil Service position in the Senior Executive Service (SES). Salary range is $125,972 to $138,200 per year, depending on qualifications. In addition to salary, career SES appointees are eligible to compete for performance awards and bonuses. Filling of this position is subject to position allocation availability.

The Director, Mathematical, Computer and Information Sciences Division, is responsible for an integrated program of basic research, applied research and advanced technology development. The Division Director is responsible for the management of ONR programs in command and control, combat systems, intelligent systems, robotics, operations research, computational decision-making, information assurance, applied mathematics, and software research. The Director also serves as expert consultant and advisor in these areas of S&T management to the Chief of Naval Research and other top professional and military personnel in the Department of the Navy, the Department of Defense, other government agencies, industry and universities.

For detailed information on qualifications and how to apply, applicants may download a copy of Announcement #ONR-02-0026-NR from the Human Resources Service Center (HRSC) web site **http://www.donhr.navy.mil** or ONR's web site **http://www.onr.navy.mil/hr**. Applications must be in the HRSC Office by close of business 3 January, 2002. For technical information concerning this position, applicants may contact Dr. Bobby Junker on (703) 696-4212.

ONR IS AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER AND PROMOTES DIVERSITY IN THE WORKPLACE. WOMEN AND MINORITIES ARE ENCOURAGED TO APPLY.

ASSISTANT PROFESSOR COMPUTER SCIENCE

The Computer Science Department at Plattsburgh State University of New York is seeking applicants for an anticipated tenure track position at the assistant professor level, starting fall 2003. Plattsburgh SUNY is a public, primarily undergraduate, liberal arts college of nearly 6100 students and approximately 240 computer science majors. Plattsburgh is a small city on Lake Champlain, adjacent to the Adirondacks, and within an hour's drive of Montreal and Burlington.

Qualifications: Ph.D. or ABD in Computer Science, or a closely related field with a strong graduate background in computer science or substantial relevant experience in the computing field; a strong commitment to effective undergraduate teaching and ongoing scholarly activity. We seek someone who demonstrates the potential to become an excellent teacher in both introductory and upper-division courses and involve students in research. All specializations will be considered; however preference given to software engineering, networking, and programming languages.

Responsibilities include: teaching undergraduate courses at all levels, academic advising, continued scholarship in computer science, and departmental and college service.

Applications from women and minority candidates are especially welcomed. Plattsburgh State University of New York is an affirmative action, equal opportunity employer.

Salary: will be commensurate with experience and qualifications, with excellent benefits. Review of applications will begin on January 15, 2003 and will continue until the position is filled. Please submit cover letter, curriculum vita, and three letters of reference to: **Chair, Search Committee (PJ# 4300-COMP)**, c/o Human Resources, Plattsburgh State University, 101 Broad Street, Plattsburgh, NY 12901-2681. Fax: 518-564-5060.

Plattsburgh
STATE UNIVERSITY OF NEW YORK
www.plattsburgh.edu/hr/

Computer Engineering Research Positions
Baskin School of Engineering/UCSC
1156 High Street
Santa Cruz, CA 95064

Please refer to provision T03-11 in all correspondence. Applicants should ensure that 3 confidential letters of recommendation are sent under separate cover. Contact information for the references should be included with the applicant's submitted material. Letter writers must read UCSC's confidentiality statement at http://www2.ucsc.edu/ahr/policies/confstm.htm. Screening will begin on January 3, 2003, and continue until the position is filled. Refer to http://www.soe.ucsc.edu/events/jobs/ for information on electronic submission of applications. For further details about the School of Engineering at UCSC, see http://www.soe.ucsc.edu/.

UCSC is an EEO/AA/IRCA Employer.

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, 2003. 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. The Department of Computer and Information Science is undergoing a major expansion, including new faculty positions and a new building, Levine Hall, with completion this academic year. In fall 2001 we started a new 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, 2003** 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.

WASHINGTON UNIVERSITY IN SAINT LOUIS
Department of Computer Science and Engineering
Faculty Positions Available in Computer Engineering
www.cse.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, Electrical Engineering, Computer Engineering or a closely related field, have a record of accomplishment in research, and demonstrated commitment to teaching.

Washington University is pleased to announce a new depth of commitment to expanding its educational and research programs in computer engineering by consolidating the computer science and computer engineering faculty, programs, and research activities under a single organizational structure. To emphasize this commitment, the department has been renamed from Computer Science to Computer Science and Engineering.

With the addition of four new computer engineering faculty in the past year, approximately half of the Department now teaches and conducts research in computer engineering. The Department continues to seek outstanding candidates likely to develop synergistic relationships with existing areas of research excellence. Senior faculty with established national reputation, proven leadership and strong vision are particularly targeted. Currently active research areas include embedded and parallel systems, networking (including wireless communication security, switching and network processors), and computer architecture.

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

Applications will be considered as they are received. Those arriving after February 1, 2003, may not be given full consideration. Washington University is an equal opportunity/affirmative action employer.

WORCESTER POLYTECHNIC INSTITUTE
Computer Science Department

Tenure Track Faculty Positions - (starting August 2003). Do you want the combination of a research university teaching load with a liberal arts college environment? Do you like engaging undergraduates together with graduates in long-term, open-ended projects? Would you enjoy doing interdisciplinary research, experiencing the interplay between technology and society, and helping students apply their technical skills in global settings?

If so, you should consider joining the faculty at WPI. WPI, in Worcester, MA, is an elite, small, national university. The CS department is recruiting for several tenure-track positions. Candidates should have a Ph.D. in Computer Science or a closely related field, and the potential for excellence in research and teaching.

Our search priorities this year are for junior appointments in Databases, Software Systems, Human-Computer Interaction and Algorithms. However, outstanding candidates for any rank and area will get full consideration.

The department has 18 tenure-track faculty, and expects a large increase in faculty size over the coming years. We hope to maintain the exceptionally close-knit, collegial atmosphere we currently enjoy.

We invite you to explore our department at www.cs.wpi.edu, and see the full ad at www.cs.wpi.edu/News/job-ad0203.html.

Questions about the hiring process, as well as electronic applications should be addressed to: recruit@cs.wpi.edu.

For full consideration, applications should be received by 01/15/2003.

To enrich education through diversity, WPI is an affirmative action, equal opportunity employer.

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/Microelectronics, Dependable Computing and VLSI CAD.

For the endowed position, we seek a renowned scholar who has achieved national and international distinction in the above areas. The ability to interact with industrial partners and provide leadership are essential. A senior faculty appointment requires a distinguished record in scholarship, effective teaching and external research funding and 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, Title IX university.

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; computer security; bio-informatics; pervasive computing; multimedia and video processing; 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. We are in the third year of our "**Top 25 Initiative**" plan to reach a national top 25 ranking within 10 years. The initiative is strongly supported by all CSE@UTA stakeholders including the UTA administration, faculty, students and alumni, and industry partners. Since 2000, we have added 7 new tenure track faculty and 4 new full-time non-tenure track faculty to our roster of 37 full-time faculty. The number of our PhD students has increased by 50% since 2000 and the research funds awarded to the department faculty surpassed $3.5M in 2001-02 academic year.

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 2003. Screening of applications will begin immediately and will continue until all positions are filled. Interested persons should submit a letter of application, a resume, and reference letters online at:

http://www.cse.uta.edu/application/.

Please note that we do not accept hard-copy submissions. For additional information, please contact:

Dr. David Kung,
Chair of Search Committee
Department of Computer Science
and Engineering
The University of Texas at Arlington
Phone: 817-272-3605
FAX: 817-272-3070
Email: search@cse.uta.edu
http://www.cse.uta.edu

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

UNIVERSITY OF DELAWARE
Computer and Information Sciences
Faculty Positions

Applications are invited for multiple tenure track Assistant Professor positions to begin Fall 2003. Outstanding candidates for senior level positions are also encouraged to apply. Of primary interest are candidates whose research is in networks, systems, security, software engineering, graphics and visualization, speech processing, data mining, or databases. Applicants should hold a Ph.D. or its equivalent, and should be committed to excellence in research and teaching. The normal teaching load is three courses per year.

The Department has 17 tenure-track and 2 research faculty members, with a substantial portion of our 100 graduate students pursuing the Ph.D. We have significant external funding, including NSF Career and ITR Awards, a $2.2M grant in Communications and Networks that is part of the Army Research Lab's Collaborative Technology Alliance, and an NSF CISE Research Infrastructure Grant for parallel and distributed computing. A major UDel biotechnology initiative (http://www.dbi.udel.edu) offers opportunities for collaborative research in bioinformatics. The University of Delaware is centrally located between Philadelphia and Baltimore, with major government and industrial labs nearby. Considerable information about the Department is available at http://www.cis.udel.edu.

To apply, please mail a curriculum vitae to Professor E. Lloyd, Chair of the Faculty Search Committee, Department of Computer and Information Sciences, University of Delaware, Newark, DE 19716. In addition, candidates should have three confidential letters of reference sent directly to either (but not both) the above address or csfacsch@cis.udel.edu. The CV and letters of reference shall be shared with departmental faculty. Applications will be accepted until the positions are filled; those received by February 1, 2003 are assured full consideration. Qualified minority group members and women are encouraged to apply. The University of Delaware is an equal opportunity employer.

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 2003-2004 academic year. Please refer to the full advertisement in the October issue for more information, or access our home page (http://www.cs.ust.hk), or send email to csrecruit@cs.ust.hk.

CALIFORNIA STATE UNIVERSITY, HAYWARD
Computer Science
http://www.mcs.csuhayward.edu

The Department of Mathematics and Computer Science at CSUH (overlooking San Francisco Bay) seeks applications for a tenure-track Assistant Professor position for Fall 2003, teaching in both B.S. and M.S. programs. CSUH is an EOE. Position details at the website listed above.

UNIVERSITY OF DELAWARE

Faculty Position in Electrical and Computer Engineering. Applications are sought for a junior level, track faculty position in Electrical and Computer Engineering. The position is available starting in September 2003. Applications in all areas are welcomed. Candidates with research interests and experiences in the following areas are particularly sought (1) computer engineering and networks (2) wireless mobile networks and communications (3) bioelectronics and bioinformatics (4) nanostructures and electronic devices, and (5) MEMS/integrated optical systems. Applicants should have a Ph.D. in electrical engineering, computer engineering, or a closely related field. Successful candidates are also expected to have demonstrated excellence in innovative research and have the potential for high quality teaching and mentoring. Faculty members are expected to carry out a vigorous

research program and teach and supervise students at the graduate and undergraduate levels. The Department is growing dynamically and research expenditures and student enrollment have more than doubled over the past two years. A building expansion completed in 2002 provides significant additional space, including new offices, laboratories and clean room facilities. Recent awards received by the current faculty include seven NSF CAREER awards, a NSF PECASE (Presidential Early Career Award for Science and Engineering) award, and three ONR Young Investigator awards. For additional information about the Department and the University, please visit our website at http://www.ece.udel.edu. Applicants should send a curriculum vitae, a statement of research and teaching interests and achievements, and a list of at least three references to: Faculty Search Committee, Department of Electrical and Computer Engineering, University of Delaware, Newark, DE 19716. Application material may also be electronically submitted at fsearch@ece.udel.edu. Review of applications will begin immediately and will continue until the position is filled. The curriculum vitae and letters of reference shall be shared with departmental faculty. The UNIVERSITY OF DELAWARE is an Equal Opportunity Employer which encourages applications from Minority Group Members and Women.

THE GEORGE WASHINGTON UNIVERSITY
Department of Computer Science
Tenure-Track Faculty Position

The Department of Computer Science is seeking qualified applicants for tenure-track faculty positions beginning Fall 2003. We are particularly interested in candidates in the broad areas of computer systems, computer and network security, distributed computing, pervasive computing, software engineering, computer graphics, human computer interaction and multimedia. We are also seeking applicants in the area of bioinformatics and computational biology. The positions require a doctoral degree in Computer Science or a closely related field, evidence of strong research potential, as well as a commitment to quality teaching at both undergraduate and graduate levels.

The Department of Computer Science currently has 20 full-time faculty, numerous affiliate and adjunct faculty, over 200 undergraduate majors, and 250 graduate students. Major areas of research include distributed systems, networks, computer and network security, computer architecture and embedded systems, software engineering and systems, multimedia systems, computer graphics, and human computer interaction. The department houses several institutes and centers of excellence in areas such as graphics, networks and security, including recent certification as one of 36 national centers of excellence by the National Security Agency.

For further information, and additional information on our positions please refer to: http://www.cs.gwu.edu

The George Washington University, located five blocks from the White House, is an urban campus in the heart of Washington, DC, and in the center of one of the largest information technology areas in the nation, including Northern Virginia and suburban Maryland, and within a few minutes from many federal agencies.

Review of applications began on December 1, 2002, and will continue until the position is filled. Applicants should send curriculum vitae, a research summary and at least three sealed reference letters to:

Chair, Computer Science
Search Committee
Department of Computer Science
The George Washington University
Washington D.C. 20052
http://www.cs.gwu.edu
(202) 994-7181

The George Washington University is an equal opportunity/affirmative action employer.

UNIVERSITY OF SOUTH CAROLINA
Faculty Positions in Computer Science and Engineering

Applications are invited for tenure-track positions at all levels. Candidates should have a doctorate in computer science, computer engineering, or a closely related discipline. Candidates for Assistant Professor positions are expected to have strong research potential as well as an interest in teaching at both the undergraduate and graduate level.

Candidates for positions above Assistant Professor must possess an exceptional research record. Candidates from disciplines outside computer science or engineering must show an ability to contribute directly to the research and teaching mission of the Department. New faculty will receive strong support from the Department as they embark on their professional careers.

The Department of Computer Science and Engineering is in the College of Engineering and Information Technology and offers bachelor's, master's, and doctoral degrees to about 550 undergraduate majors and 150 graduate students. With ten new hires in the last three years and continued hiring planned, the department is experiencing both growth and a renewal of energy and vitality. The University of South Carolina is located in South Carolina's capital and technology center and is the comprehensive graduate institution in the state, with an enrollment of more than 22,000 students.

For more information, see <http://www.cse.sc.edu/>.

Applicants should submit a curriculum vitae along with the names and addresses of three references to: Chair, Faculty Search Committee, Department of Computer Science and Engineering, University of South Carolina, Columbia, SC 29208. Electronic applications should be sent to search@cse.sc.edu <mailto: search@cse.sc.edu>. Applicants will be accepted until positions are filled.

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

UNIVERSITY OF SOUTHERN CALIFORNIA
Department of Electrical Engineering-Systems

The Systems Division of the Electrical Engineering Department invites applications for tenured track positions at all faculty levels in the following targeted areas: signal processing, with applications in biomedical imaging and genomics; digital systems including computer architecture, embedded systems and system-on-chip; system level VLSI design with applications to signal processing, communication theory, or biomedical applications; VLSI circuitry with a focus on circuit design in current and emerging technologies; communications with a focus on either coding theory, communication theory, or antenna and propagation aspects of experimental wireless communication. We also seek applicants in several areas of networks, including wireless networking, optical networking, network security, multi-sensor networks, network dynamics and control, and switch architecture and design. Recruitment in networks is carried out in cooperation with the Computer Science Department and the Information Science Institute (ISI).

Applications must include a letter clearly indicating which position specified above is being sought, a detailed curriculum vitae, a one page statement on current and future research directions, and names of at least four professional references. Applicants who are still Ph.D. students are responsible for soliciting reference letters to be sent directly to the address below. Please send material to:

Chair, Faculty Recruitment Committee
Electrical Engineering-Systems Division
University of Southern California
Los Angeles CA, 90089-2560.

USC is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities.

STATE UNIVERSITY OF NEW YORK COLLEGE AT BROCKPORT

Applications are invited for a tenure-track Assistant Professor position in the Dept. of Computer Science beginning Fall 2003. Position availability is subject to budgetary approval. Ph.D. in Computer Science; or Ph.D. in a closely related discipline, with master's level expertise in CS required.

Preferred: Ph.D. and teaching experience in computer science. All specialties will be considered but preference will be given to Computer Security, E-commerce, Computer Architecture, and Networking.

SUNY Brockport is a liberal arts college

offering an undergraduate computer science degree with tracks in traditional computer science (ABET-accredited program) and in the more application-oriented Information Systems. A strong commitment to teaching; ability to teach a wide range of computer science courses at various levels to a culturally diverse student population; promise of continued scholarly activity leading to refereed publications, and active participation in departmental and college service, are required. To apply, submit a letter of application, resume, statements of teaching philosophy and research plans, copies of transcripts and three current letters of reference by the beginning review date, January 15, 2003, to Adrienne Collier, Affirmative Action Office, Office, 350 New Campus Drive, SUNY College at Brockport, Brockport, NY, 14420-2929. Applications will be accepted until the position is filled. For more information contact: Joan Lucas, Dept. of Computer Science; email: jlucas@brockport.edu; Tel: (585) 395-2196; FAX: (716) 395-2304 or visit our web site at www.brockport.edu/cs. AA/EOE

UTAH STATE UNIVERSITY
Department of Computer Science

Applications are invited for faculty positions at all ranks beginning Fall 2003. 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, data mining, computer security, or networking.

The department currently has 300 undergraduate majors and 100 MS and PhD students. The BS degree is CSAB accredited. Utah State University is a Carnegie Doctoral/Research University-Extensive. It is one of the top universities 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.

Qualified applicants should send a letter of interest, current curriculum vita (statements 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
facultysearch@cs.usu.edu
www.cs.usu.edu

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 SOUTH FLORIDA
DEPARTMENT CHAIR
Computer Science and Engineering

Applications and nominations are invited for the position of Chair of the Department of Computer Science and Engineering. The department is one of six departments in the College of Engineering. The college conducts over 20 million dollars per year in sponsored research. The University of South Florida is a Carnegie Research I University and is among the 20 largest universities in the U.S. The university is located in the metropolitan Tampa Bay area and is one of the anchors of the Florida I-4 Technology Corridor.

The new chair is expected to maintain and build upon the strong and successful academic programs existing in the department and to provide the vision and leadership to elevate its stature in national and international reputation. Candidates must possess a PhD in Computer Engineering, Computer Science, or other closely related area and must qualify for appointment as a full professor in the department. The candidate is expected to have an internationally recognized record of academic scholarship and a proven record of external support. The successful candidate must have a commitment to high quality undergraduate and graduate education, research, and professional activities. The candidate should have outstanding communication and interpersonal skills, as well as a commitment to diversity in faculty and staff recruitment. Key responsibilities will include strategic planning, development of emerging areas of expertise, coordination of interdisciplinary activities, fostering of scholarship, and leading the department in developing and implementing a visionary plan for its research, education, and funded programs.

The Department offers BS degrees in Computer Science (ABET accredited), Computer Engineering (ABET accredited), and Information Systems. The graduate program offers MS (137 students) and PhD degrees (47 students). The department has 18 faculty members and expects significant growth in the next several years. The department's faculty secured over 2.5 million in research funding for 2001. A strong partnership exists with the USF College of Medicine and the H. Lee Moffitt Cancer Center and Research Institute. Department faculty are well funded from federal and state agencies that include DARPA, NIH, NSF, ONR, and USGS. More information about the department is available at http://www.csee.usf.edu/.

The starting date for this position is August 2003. Applicants should send a cover letter, complete vitae, names and addresses of at least four references, and a statement of educational and research philosophy that includes the candidate's vision for the future of computer science and engineering.

The search and selection process will be conducted in accordance with the provisions of the "Government in the Sunshine" laws of the State of Florida. Meetings of the search committee are open to the public and all documents related to the search will be available for public inspection. Applicants who need a reasonable accommodation in order to participate in the selection process should notify the office manager at the address given below. Screening of applications will begin on January 13, 2003 and will continue until the position is filled. Applications and nominations are to be submitted by mail to:

CSE Chair Search Committee,
Department of Computer Science
and Engineering,
4202 East Fowler Avenue, ENB 118
University of South Florida
Tampa, FL 33620-9951

The University of South Florida is an Affirmative Action/Equal Opportunity employer. Women and minorities are strongly encouraged to apply.

VIRGINIA MILITARY INSTITUTE
Department of Mathematics and Computer Science

The Department of Mathematics and Computer Science at Virginia Military Institute invites applications for a position in computer science at the Assistant/Associate Professor level to begin 1 August 2003. This position is for a five-year renewable contract with the possibility of later conversion to a tenure track position. A Ph.D. in computer science or a closely related field is required. Candidates should have demonstrated excellence in teaching and an ongoing program of scholarly activity. Candidates are expected to have a strong interest in undergraduate teaching and a desire to involve undergraduate students in research. The successful candidate will teach a wide variety of undergraduate computer science courses. Faculty members are expected to participate in advising and committee work. Members of the faculty wear uniforms and adhere to military customs, but military experience is not required. Applicants should submit a letter stating their professional goals, their teaching interests, a statement of their teaching philosophy, a statement of research interests, a curriculum vitae, official transcripts, and three letters of recommendation to Michael J. Tierney, Chair, Department of Mathematics and Computer Science, Virginia Military Institute, Lexington, VA 24450. At least one of the letters must address teaching effectiveness. Review of applications will begin 15 December 2002 and continue until the position is filled. Salary is competitive. Visit <http://academics.vmi.edu/math/>

VMI is a public, four year undergraduate military college (1300 students)

located in the historic Shenandoah Valley of Virginia. Lexington (population 7,000), also home to Washington and Lee University, offers a stimulating cultural atmosphere, a relaxed rural pace, and diverse economic base to make life both pleasant and rewarding. Share in Lexington's rich heritage, while enjoying the natural beauty of the Blue Ridge Mountains. Visit <http://lexingtonvirginia.com>

VMI is an AA/EEO employer.

WASHINGTON STATE UNIVERSITY
Computer Science

Looking for a career in a research university with a very high quality of living? Washington State University in Pullman offers a great opportunity to live in a small town with a strong sense of community, excellent schools, and abundant outdoor recreation nearby, while working with a team of excellent researchers.

The School of Electrical Engineering and Computer Science (EECS) at Washington State University is inviting applications and nominations for two faculty positions to be filled in Computer Science. Particular areas of interest include software engineering, security, databases, and networking/distributed systems; but outstanding candidates in other areas are encouraged to apply and will be seriously considered. Candidates at all ranks will be considered. Senior applicants must have a strong record of achievement in academia and/or industry. Junior applicants must have earned a PhD in Computer Science by August 16, 2003. All candidates must have both a strong interest in conducting publishable research and a strong commitment to teaching. A record of publication in peer-reviewed journals and conference proceedings is required. The School offers junior faculty a reduced teaching load for the first three years of their appointment. The successful candidate will be expected to teach, effectively communicate and interact with students and colleagues, conduct funded research, publish, and direct MS and PhD student research programs.

For appropriately qualified senior candidates in software engineering, the School of Electrical Engineering and Computer Science (EECS) at Washington State University is soliciting applications and nominations for the position of Boeing Endowed Professorship in Software Engineering as well as the newly endowed second Huie-Rogers Chair. The Boeing Professorship has an endowment of $600,000, and the annual proceeds are available to support the research and teaching program of the Chair holder. The Huie-Rogers Chair has an endowment of $1.5 million. Candidates must 1) possess a PhD degree in computer science or a related discipline, 2) have a demonstrated record of outstanding accomplishments, and 3) be committed to building an active research program in Software Engineering.

The School of EECS is the largest of six academic departments in the College of Engineering and Architecture at Washington State University. The School presently has forty faculty, and awards B.S., B.A., M.S., and Ph.D. degrees in computer science, B.S., M.S., and Ph.D. degrees in electrical engineering, and the B.S. degree in computer engineering. Major areas of research emphasis include software engineering, embedded systems, algorithmics, distributed systems, databases, and computer networks. The School has six endowed chairs and distinguished professorships in computer science, computer engineering, and electrical engineering. Two NSF IUCRC centers are in EECS. To learn more about WSU, the School, and faculty research interests, please see http://www.eecs.wsu.edu/.

Screening of applications will begin immediately upon receipt of curriculum vitae. Maximum consideration will be given to applications received by January 31, 2003. Applicants should send a cover letter that includes a summary of their research and teaching interests, a curriculum vitae, and the names and addresses of three references qualified to comment on the applicant's research and teaching qualifications to: Chair, Computer Science Search Committee, School of Electrical Engineering and Computer Science, Washington State University, PO Box 642752, Pullman, WA 99164-2752. WSU is an EO/AA educator and employer.

DARTMOUTH COLLEGE
Faculty Positions in Computer Science

The Department of Computer Science seeks candidates for faculty positions starting in September 2003. We anticipate several tenure-track openings at the Assistant Professor level. In special cases, a senior faculty appointment may be possible.

We are looking for candidates with backgrounds and interests in all areas of computer science. We are particularly interested in the areas of algorithms, graphics, security, databases, and networks.

Persons interested should submit a curriculum vitae, a research statement, and a teaching statement. Please ask at least four professionals to send letters of reference, at least one of whom, can comment on teaching. Review of the applications will begin January 15, 2003 and will continue until the search is complete. Please send application materials and general inquiries to Delia Mauceli, Computer Science Recruiting, Department of Computer Science, Dartmouth College, 6211 Sudikoff Laboratory, Hanover, NH 03755-3510. Specific questions can be referred to David Kotz, at recruit@cs.dartmouth.edu.

Information on faculty and their research, facilities, and graduate students is available at http://www.cs.dartmouth.edu. Our department is affiliated with the new Institute for Security Technology Studies, and further information can be found at http://www.ists.dartmouth.edu.

Dartmouth is an equal opportunity/affirmative action employer and encourages applications from women and members of minority groups.

INDIANA UNIVERSITY
Computer Science Department
Department Chair Position

The Indiana University Computer Science Department seeks nominations and applications for the position of department chair. Candidates should possess an international reputation in the computer science research community, should have strong leadership and administrative skills, and should understand the importance of promoting excellence in education. It is expected the chair will expand on existing research programs or initiate new ones. She or he will have the opportunity to fill faculty positions immediately.

The Computer Science Department, part of the College of Arts and Sciences, has 20 FTE faculty members and approximately 200 undergraduate majors, 100 masters students and 100 doctoral students. The department has substantial research interactions with the privately supported Indiana Pervasive Technology Laboratories. Other research interactions include the Cognitive Science Program and the nation's first School of Informatics, which offers degrees focusing on the application of information technology.

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

Applicants should send a detailed CV and a list of references to:

Prof. Edward Robertson
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 especially seeks applications from women and minorities.

UNIVERSITY OF NEVADA, RENO
Department of Computer Science

Applications are invited for a tenure track **Assistant Professor** position beginning in August 2003. A Ph.D. in Computer Science or Computer Engineering is required by the date of appointment. Candidates should possess a demonstrated potential and strong commitment to quality research and teaching at the undergraduate and graduate levels. Candidates with expertise in one or more of the following areas may be given preference: *computer networking and data communi-*

cation, security, and software engineering. The department offers the BS, MS and Ph.D. degrees. It is dynamic and growing and will become part of a new School of Information Technology which is being structured and organized within the College of Engineering. For complete position announcement and requirements, see http://jobs.unr.edu, visit www. cs.unr.edu or email fredh@cs.unr.edu for further information. The Reno area has four mild seasons and is a scenic half-hour drive to Lake Tahoe, one of the largest and most beautiful alpine lakes on the planet. The Pacific Crest Trail is nearby for hiking and fantastic ski areas abound. San Francisco and the Silicon Valley are within a short half-day's drive. To apply, send a letter and vita, and have 3 letters of reference sent to *Search Committee Chair, Computer Science Department/171, University of Nevada, Reno; Reno, NV 89557.* Review of applications will begin February 24, 2003. EEO/AA.

WAYNE STATE UNIVERSITY
Department of Computer Science
Faculty Positions

The Department of Computer Science of Wayne State University invites applications for several tenure-track faculty positions at Assistant or Associate Professor levels starting in August 2003. All areas of computer science will be considered.

Candidates should have a Ph.D. in computer science, computer engineering or a closely related field, a strong interest in and commitment to both research and teaching, a strong publication record in their area and show potential for obtaining external research funding.

The Department of Computer Science offers B.S., M.S. and Ph.D. degrees. Federal agencies as well as industries support a variety of research programs within the Department. The University has made a strong commitment to information technology and computing. The Computer Science Department is undergoing a major expansion, which includes additional office and research space, Gigabit connectivity and Internet2/Abilene access. The Department has excellent computing facilities including a state-of-the-art Sun Fire 6800 with over 100 processors, several other high-end Sun clusters and servers and access to the University's IBM RS/6000 SP massively parallel supercomputer. The Department also maintains active collaborative relationships with the Institute for Scientific Computing, Institute for Manufacturing Research, Smart Sensor Program, Life Science Corridor initiative, the Wayne State Medical School, and many other centers and departments within the university. Other excellent opportunities for research with industry include existing links with the automotive industry and various computer industries.

Wayne State University is a premier institution of higher education offering more than 350 academic programs through 14 schools and colleges to more than 31,000 students in metropolitan Detroit. Many outstanding residential communities and some of the nation's top 5% school districts are within close proximity of the campus. The University offers excellent benefits and a competitive compensation package.

Applicants should send a letter of intent, a statement of research and teaching interests, a resume and the names of at least three references including each reference's address, email, telephone and fax number. Please send this information to:

Dr. Farshad Fotouhi, Chair
Faculty Search Committee
Wayne State University
Department of Computer Science
5143 Cass Avenue, Room 431 State Hall
Detroit, MI 48202
1-313-577-5527 (voice)
1-313-577-6868 (fax)
fotouhi@cs.wayne.edu

For full consideration, applications should be submitted by March 1, 2003. However, applications will be accepted until the positions are filled.

WSU is an equal opportunity/affirmative action employer.

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

The School of Electrical Engineering and Computer Science is recruiting outstanding tenured or tenure-track faculty. In 2000-2002 we awarded some 30 PhD, 200 MS, and 600 BS degrees in Computer Science, Computer Engineering, Information Technology, and Electrical Engineering, and attracted many National Merit Scholars into our undergraduate programs. Over the last two years we have recruited some 15 tenured or tenure track faculty who have joined us from Purdue, UC Berkeley, Cornell, University of Utah, Duke University, Australian National University and several other institutions, bringing our strength to over 60 tenured and tenure track faculty. External grants have increased by 300% since 1998, totaling $6M in the last fiscal year. Computer Science graduate programs expanded by 300% over the same period.

Three positions are open in Computer Science, and all areas of computer science will be considered. Two positions are open in Computer Engineering and our ideal choice would be for at least one recruitment in Software Engineering. Two positions are open in Electrical Engineering with interest for areas such as Signal Processing and Communications. Candidates seeking Associate or Full Professorships should have well funded research programs and national/international prominence in their fields. Those seeking Assistant Professorships must show evidence of a strong research record. Women and minorities are encouraged to apply.

The University of Central Florida (UCF) has over 37,000 students. It is among the nation's fastest growing universities with enrollment expected to reach 48,000 by 2010. Orlando is the center of a Hi-Tech area with a thriving industry base in software, telecommunications, semiconductors, defense, space, lasers, and entertainment. UCF is an Equal Opportunity employer. As an agency of the State of Florida, UCF makes application materials and selection procedures available for public review.

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

NEW JERSEY INSTITUTE OF TECHNOLOGY
Chair,
Department of Computer Science

The Dept. of Computer Science at New Jersey Institute of Technology (http://www.cs.njit.edu) invites applications for the position of Dept. Chair for an appointment to begin as early as July 1, 2003. The dept. is part of the newly formed College of Computing Sciences (http://www.ccs.njit.edu), which also houses the Dept. of Information Systems & also offers a multidisciplinary undergraduate program in Information Technology. With strong backing from the university, the College of Computing Sciences is continuing its plans for growth, in which the Dept. of Computer Science & its new chair will play significant roles.

Candidates must have PhD in Computer Science or a closely related field & excellent record of research, teaching & service that merits appointment as a tenured full professor. Successful applicants must have the intellectual & leadership qualities needed to help our growing dept. achieve the next level of excellence in teaching, research & industrial outreach.

The Computer Science dept. currently has 27 tenured/tenure-track faculty & a student enrollment of over 1,500. The dept. offers degrees at the undergraduate, graduate & doctoral levels. Departmental research interests include algorithms, artificial intelligence, computational biology & bioinformatics, computer vision, databases, parallel processing, simulation & modeling, software engineering & computer networking.

NJIT has an enrollment of approx. 9,000 students, with almost 25% enrolled in the College of Computing Sciences. The university is located in the University Heights section of Newark, close to New York City, the Jersey Shore, Philadelphia & the Pocono Mountains, which provide a wide range of cultural & leisure activities.

Applicants should send a curriculum

vitae & list of at least 3 references to New Jersey Institute of Technology, attn: Personnel Box CCS-CS Chair, University Heights, Newark, NJ 07102-1982. The vitae may also be submitted by email to hr@njit.edu. (Inquiries may be directed to: "chair-search@cs.njit.edu") Review of applications will begin immediately & will continue until the position is filled. *The university reserves the right to substitute equivalent education and/or experience at its discretion. NJIT is an equal opportunity, affirmative action, equal access employer & especially encourages applications from minorities, women & persons with disabilities.*

UNIVERSITY OF FLORIDA
Computer and Information Science and Engineering
Assistant/Associate/Full Professor

The Department of Computer and Information Science and Engineering at the University of Florida invites applications for several tenure track positions at all ranks beginning January 2003 or anytime thereafter. While applications in all areas of computer science and engineering are welcome, we are particularly interested in outstanding candidates with expertise in the following fields: systems and architecture, digital arts, bioinformatics and biocomputing, computer graphics and visualization, computer networks, computer algorithms, database and information systems, human-computer interaction, augmented reality, intelligent interfaces and nanotechnology.

All applicants should hold a PhD in Computer Science, Computer Engineering, or a closely related discipline, and should be committed to excellence in teaching and research. Salary and support are competitive and depend on background and experience.

The Department of CISE currently has tenure track faculty of 32 and a student body of 336 graduate and 1370 undergraduate students. The Department encompasses a wide range of research areas including high performance computing, database systems, computer vision, computer graphics, simulation, computer networks and security and distributed and real-time systems.

Candidates should send a curriculum vitae and have at least three letters of recommendation sent to:

Chair, Faculty Search Committee
c/o Robyn Edwards
Department of Computer and Information Science and Engineering
301 CSE, PO Box 116120
University of Florida
Gainesville, FL 32611
e-mail to: search@cise.ufl.edu
Tel: (352) 392-1212

The committee will begin reviewing applications on January 15, 2003 and will continue to receive applications until the positions are filled. Applications will not be reviewed until all reference letters have been received.

The University of Florida is an Affirmative Action Employer and women and minorities are encouraged to apply. For more information about the department and positions, please visit http://www.cise.ufl.edu

---

OAKLAND UNIVERSITY
Department of Computer Science and Engineering

The Department of Computer Science and Engineering invites applications for two tenure-track positions at the assistant/associate professor level to begin in August 2003. 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 software engineering, database systems, networking, and VLSI design.

For full consideration, applications should be submitted by January 15, 2003. Applications will be accepted until the positions are filled. The positions are open subject to funds' availability. Applicants should send a letter of intent, resume, the names of three references, copies of publications and a statement of research and teaching interests to:

Dr. Ishwar K. Sethi, Chair
Department of Computer Science and Engineering
Oakland University
Rochester, MI 48309-4478

For further information, consult www.cse.secs.oakland.edu.

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

The Department of Electrical and Computer Engineering invites applications for faculty appointments in all areas of computer engineering including, but not limited to, the areas of computer systems and networks, operating systems, distributed systems, embedded systems, fault tolerance and parallel processing, computer security and trustworthy networks, performance and design verification, microarchitecture, computer vision and image processing, and robotics and computer graphics. Applications are also encouraged from candidates whose research programs are in nontraditional and interdisciplinary areas of computer engineering, including areas in information technology, and whose instructional programs will bring innovation to the curriculum. Applicants for positions at the assistant professor level must have an earned Ph.D., outstanding academic credentials, and an ability to teach effectively at both the graduate and undergraduate levels. Successful candidates will be expected to initiate and carry out independent research and to perform academic duties associated with our B.S., M.S., and Ph.D. programs. Senior level appointments with tenure are also available for individuals of international stature. Our faculty carry out research in a broad spectrum of areas related to computing and networking, and are supported by world-class facilities and programs for international work, including a NSF supercomputing research and education center (NCSA), the Coordinated Science Laboratory, the Microelectronics Laboratory, several industrial research centers, and the Beckman Institute for Advanced Science and Technology. The department also has one of the largest programs in the United States granting approximately 350 B.S. degrees, 100 M.S. degrees, and 60 Ph.D. degrees annually. Salary will be commensurate with qualifications. Applications must be received by January 15, 2003, to receive full consideration. Preferred starting date is August 21, 2003, but is negotiable. Send your cover letter and CV, with research and teaching statement as a PDF or Word document to: brown@ece.uiuc.edu. Please name your document with your last name. If this is not possible send to: Dr. Richard E. Blahut, Head, Electrical and Computer Engineering Department, 1406 W. Green St., Urbana, IL 61801. *The University of Illinois at Urbana-Champaign is an Affirmative Action/Equal Opportunity Employer.*

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

The Computer Science Department of the University of Texas at Dallas invite applications for tenure track faculty positions in Computer Science at all levels, starting January or September 2003.

Candidates must have a Ph.D. degree in Computer Science, Software Engineering, Computer Engineering or equivalent. Candidates should have a strong record of research, teaching, and external funding. Candidates are sought in the areas of human language technology, digital forensics, network security, and computational biology. However distinguished candidates in other areas of computer science will be considered also.

The Department of Computer Science offers the Ph.D. degree in Computer Science and has Master's degrees in CS with Major in Software Engineering as well as tracks in Telecommunications, and Traditional Computer Science. At the undergraduate level, the CS 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 moved into a new 152,000 sq. ft. building. We have experienced very rapid growth in recent years and the potential for future growth is excellent. Currently the CS Department has a total of 40 faculty and 20 senior lecturers.

The University is located in the most attractive suburbs of the Dallas metropolitan area. There are over 900 high-tech companies within 5 miles of the campus, including Texas Instruments, Nortel Networks, Alcatel, Nokia, Fujitsu, Worldcom,

EDS, and Perot Systems. Almost all the country's leading telecommunication's companies have major research 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 300 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 send e-mail to cs-search@utdallas.edu, or view the Internet Web page at http://www.utdallas.edu/dept/cs/. The search committee will begin evaluating applications on December 1, 2002, and will continue until the positions are filled.

Applicants should mail their resume with a list of at least five academic or professional references as soon as possible to:

Academic Search #750
The University of Texas at Dallas
P.O. Box 830688, M/S MP1.2
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.

UNIVERSITY OF WISCONSIN – EAU CLAIRE

The Department of Computer Science at the University of Wisconsin – Eau Claire invites applications for a new tenure track position. The Department is seeking to add new courses and programs to meet regional needs and meet our goal of providing the top undergraduate computer science program in the upper mid-west.

Applicants must have an earned doctorate (received by January 1, 2004) in Computer Science, Computer Engineering, Electrical Engineering, or a related field, and must show a potential for excellence in undergraduate teaching and ability to engage in scholarly research. Candidates must demonstrate potential to actively contribute to the department's core curriculum. Regional industries are well known for development of supercomputer systems, printed circuit boards, chips, and other related systems, thus an applicant's potential to develop and teach computer engineering courses and curricula will be considered an asset. Salaries are competitive and are commensurate with education and experience. Rank depends on experience and qualifications.

UWEC offers bachelor degrees in software engineering and computer science (ABET accredited), and enrolls over 250 majors. Current departmental computing facilities are state-of-the-art.

U.S. News ranks UW-Eau Claire among the top Public Midwestern Universities-Masters. Located in the Chippewa Valley, the university is surrounded by rolling hills and river valleys of West Central Wisconsin, is easily accessible from Interstate 94, and is only 75 minutes from Minneapolis and St. Paul. The Chippewa Valley combines natural beauty, history, and outdoor recreational activities that offer year round enjoyment.

Review of completed applications will begin on January 13, 2003, and may continue until the position is filled. Applicants should send a letter of application, curriculum vitae, and the names and e-mail addresses of at least three references to:

Faculty Search Committee
Department of Computer Science
UW-Eau Claire
Eau Claire, WI, 54702-4004

The letter of application should address any specific qualifications that are relevant to the position. For further information on application procedures see http://www.cs.uwec.edu/Position or contact the search committee.

The names of finalists must be released upon request, and the university reserves the right to check additional references with notice given to candidates at the appropriate time in the process. An AA/EEO employer.

THE PENNSYLVANIA STATE UNIVERSITY
Department of Computer Science and Engineering
Faculty Position Vacancies

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 Vision and Robotics, Database & Multimedia Systems, Distributed Systems, Embedded Systems, Internet and Ubiquitous Computing, Networking, Security, VLSI including Analog and Mixed-Mode Circuits. Additional coordinated hiring with the School of Information Sciences and Technology (IST) and the Department of Electrical Engineering is possible.

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. Eight members of our faculty are recipients of the NSF Career Award. Our faculty also received 7 NSF ITR Grants and a $2.5M Research Infrastructure Grant in recent years. There are state-of-the-art research labs in areas including microsystems design and VLSI, computer vision and robotics, virtual environments, high performance computing and bioinformatics and a major networking lab is being built. 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. By Fall 2003, the Department will move into a new 100,000 square feet building housing both CSE and IST (http://www.cse.psu.edu/ist.html).

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

Applicants should hold a Ph.D. in computer science, computer engineering, or a closely related field and should be committed to excellence in both research and teaching. Support will be provided to the successful applicants for establishing their research programs. We encourage dual career couples to apply. Applications should be received by January 31, 2003 to receive full consideration. To apply by electronic mail, send your resume (including curriculum vitae and the names and addresses of at least three people willing to write a letter of recommendation) as a postscript file or pdf file to recruiting@cse.psu.edu or by post to:

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

For more information about the Department of CSE at PSU, see http://www.cse.psu.edu. PSU is an Equal Opportunity / Affirmative Action Employer. Women and minorities are encouraged to apply. Click on the link to fill out and print an Affirmative Action Applicant Data Card. NOTE: This will require you to have Adobe Acrobat Reader 4.0 or better to download this form and fill it in prior to printing it. This form can then be faxed to Nancy Clark at (814) 865-3176.

THE UNIVERSITY OF WESTERN ONTARIO
Department of Computer Science

The University of Western Ontario, a top-tier research University in Canada, is actively expanding its activities in Computer Science. The Department has open probationary (tenure-track) positions and also has an open Tier 1 Canada Research Chair in Bioinformatics (for details see www.bioinformatics.uwo.ca) and an open Tier 2, Canada Research Chair in Computer Vision or Computer Algebra. Applications are invited for probationary (tenure-track) positions, and for the Canada Research Chairs. The department

is particularly interested in candidates in bioinformatics, computer algebra, computer vision, databases, software engineering, and systems and networks, but the department will consider outstanding candidates in any area of Computer Science.

The department currently comprises 32 faculty in teaching and research positions. Degrees at the BSc, MSc and PhD levels are offered in Computer Science, as well as degrees with specialization in Software Engineering. Research in the department spans topics in the fundamental areas of computer science, as well as emerging subjects such as molecular computing, bioinformatics, legal issues in computing, network quality of service, and web technologies (see www.csd.uwo.ca/research for more details).

Links with the other departments in the Faculty of Science and with Faculties of Medicine & Dentistry, Law, Information and Media Studies, Ivey School of Business allow the department to offer its students unique courses and foster interdisciplinary research opportunities for faculty and graduate students. Major research projects are funded by international, federal, provincial and private sector sources. New faculty are invited to participate in existing research projects, and to initiate projects of their own.

With a full-time enrollment of about 25,000, The University of Western Ontario graduates students from a full range of academic and professional programs. The university campus is located in London, a city of 340,000, located midway between Toronto and Detroit. With parks, tree-lined streets and bicycle trails, London is known as the "Forest City". An international airport, galleries, theatre, music and sporting events are to be found, as would be expected of a larger center (see www.city.london.on.ca).

The closing dates for applications are the second Friday of each month until August 8, 2003. Candidates should have a PhD in Computer Science or Software Engineering and must show evidence of a strong research program and commitment to teaching. Priority will be given to candidates who build on existing strengths of the department, or who can establish leading projects in new areas. Successful candidates will teach in both the graduate and undergraduate programs of the department and pursue a strong, individually-defined research program.

To apply, please send a CV, a statement of your teaching philosophy and three representative publications to:

Prof. Michael A. Bauer, Chair
Department of Computer Science,
MC355
The University of Western Ontario
London Ontario, CANADA N6A 5B7

Positions are subject to budget approval. All qualified candidates are encouraged to apply; however Canadian Citizens and Permanent Residents will be given priority. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.

TECHNISCHE UNIVERSITT DRESDEN

The Department of Computer Science invites applications for a Chair for Bioinformatics (C4, Full Professor, tenured) to begin April 2003. Further details are available online at: http://www.tu-dresden.de/biotec

---

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

The University of California Santa Barbara invites applications for faculty positions in Computer Science and Computer Engineering.

The Department of Computer Science currently has 25 full-time faculty and approximately 180 graduate students (including approximately 90 Ph.D. students) involved in various research areas including digital libraries and databases, parallel and distributed systems, programming languages, networking, computer and network security, theory of computation, algorithms, computer vision, human-computer interaction, and computational science.

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 and the College feature a highly collaborative and stimulating working environment. Department faculty lead numerous NSF ITR projects, and have recently been awarded two NSF IGERT grants for interdisciplinary graduate education and research, in computational science and engineering and in interactive digital multimedia. The total amount of 2001-02 extramural funding in the department was more than 6.8 million dollars.

Applicants should hold a doctoral degree in Computer Science or a related field; appointments are scheduled to begin in 2003-2004. Primary consideration will be given to candidates who apply by January 15, 2003, however positions will remain open until filled. Send resume, research and teaching statements, and names and addresses 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.

The department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching, and service. An EO/AA employer.

THE GEORGE WASHINGTON UNIVERSITY
Department of Computer Science
Tenure-Track Faculty Position in Bioinformatics

The Department of Computer Science is seeking qualified applicants for a tenure-track faculty position beginning Fall 2003 in the area of bioinformatics or computational biology. The position requires a doctoral degree in Computer Science or a closely related bioinformatics field, evidence of strong research potential, as well as a commitment to quality teaching at both undergraduate and graduate levels.

The Department of Computer Science currently has 20 full-time faculty, numerous affiliate and adjunct faculty, over 200 undergraduate majors, and 250 graduate students. Major areas of research include distributed systems, networks, computer and network security, computer architecture and embedded systems, software engineering and systems, multimedia systems, computer graphics, and human computer interaction.

The department has recently initiated interdepartmental programs in bioinformatics, including a Masters degree program in Genomics and Informatics and an undergraduate program in bioinformatics whose development is being partially funded by a Howard Hughes Medical Institute grant. The George Washington University, located five blocks from the White House, is one of few in the region that features both an engineering school and medical school on the same campus. GW's Washington, DC, location places it in the center of a biotechnology community that is one of the largest in the world. GW has formal research and research training relationships with three area organizations that are active members of this community: The Institute for Genomic Research (TIGR), Children's National Medical Hospital, and the Holland Laboratories of the American Red Cross. The university is committed to expanding its interest in bioinformatics.

For further information, and additional information on our positions please refer to: http://www.cs.gwu.edu

Review of applications began on December 1, 2002, and will continue until the position is filled. Applicants should send curriculum vitae, a research summary and at least three sealed reference letters to:

Chair, Computer Science
Search Committee
Department of Computer Science
The George Washington University
Washington D.C. 20052
http://www.cs.gwu.ed
(202) 994-7181

The George Washington University is an equal opportunity/affirmative action employer.

AMERICAN UNIVERSITY OF BEIRUT (AUB)

The Department of Electrical and Computer Engineering at the American University of Beirut (AUB) in Beirut, Lebanon, invites outstanding candidates to apply for positions at the rank of Assistant Professor for the Fall 2003. Applicants should possess a Ph.D. degree in Electrical/Electronics/Computer Engineering or a closely related field. Applicants should have experience in performing research and teaching. Candidates from all areas of Electrical and Computer Engineering will be considered. Exceptional candidates at higher rank may also apply. Applicants for visiting positions will also be considered. The Department offers the degrees of Bachelor of Engineering and Master of Engineering in two majors: Electrical Engineering (EE) and Computer and Communications Engineering (CCE). The Department is planning to introduce a Ph.D. program in the near future. The Department has about 600 undergraduate students and 60 graduate students.

Applications must include a letter of interest, a complete curriculum vita, and the names and addresses of three professional references. The Complete application should be sent by air mail to ensure arrival before March 15, 2003, and must be addressed to the Dean, Faculty of Engineering and Architecture, American University of Beirut, Beirut, Lebanon, with a copy to American University of Beirut, Personnel Services, 850 Third Avenue, 18th Floor, New York, NY 10022.

The American University of Beirut is an Affirmative Action, Equal Opportunity Employer. AUB's home page is at: http://www.aub.edu.lb

---

TECHNICAL TEAM LEAD/ TECHNICAL ARCHITECT (Software Engineer)

Must have Bachelor of Science in Computer Programming or Related. Must have 4 years of experience in the job offered. Use methodologies such as Rational Unified Process (RUP) to design a computer software system to meet customer's needs. Determine architecture to meet project objectives. Use design patterns and standard architectures like J2EE and .Net or customized/complex architecture, e.g. Web Services with implementation technologies such as Java (EJB, JMS, Servlets, JSP), Web Sevices (XML, SOAP, WSDL, UDDI) C, C++, C#, Visual Basic. Deploy these architectures on platforms such as Solaris/SunOS, WinXP/2000/NT, and LINUX and use enterprise applications like BEA Weblogic, IBM Webshpere, iPlanet Application Server, JBoss, Oracle9i AS, MS Windows .Net Server, iPlanet Directory Server, and iPlanet Enterprise Web Server. Determine design with Object & Data models and sequence diagrams. Use OOA&D methodologies with results in UML using enterprise tools like Rational Rose, Visio & Erwin Data modeler. Take Use-Cases and develop programs using IDEs like NetBeans, JBuilder and Visual Studio .Net. Use with frameworks like Jarkarta project; Struts, Log4j, Xerces. Use source code management CVS, PVCS,Source Safe and Build processes using 'ANT and/or 'make. Create and enforce follow through of test plans. To work 40 hours per week from 8:00am to 5:00pm. Qualified candidates send resumes to Cindy Myers, Human Resources Manager, 7720 Rivers Edge Drive, Suite 245, Columbus, Ohio 43235.

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

Applications are invited for one tenured position in the Department of Computer Science at the Professor level and two tenure/tenure-track positions at the Assistant or Associate Professor levels, pending budget approval. At least one of the positions is in areas related to computer and information security. Other areas of preference include, but are not limited to: bioinformatics, software engineering, systems, programming languages, or parallel and distributed computing. Strong preference will be given to aspects of computer science that intersect with the major cross-disciplinary focus of the College of Sciences.

Required qualifications: Applicants for an Assistant Professor position must have earned a Ph.D. prior to September 1, 2003, in computer science or in a related area and must demonstrate a strong potential for excellence in research and teaching.

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

Required qualifications: Applicants for the Full Professor position must have a Ph.D. in computer science or a related area and previous experience in graduate and undergraduate teaching and academic program development as well as a recognized program of research.

The Department of Computer Science offers the B.S., M.S., and Ph.D. degrees supporting a dynamic and growing program with over 700 undergraduate and 80 graduate students. The research activities and experimental facilities have been well-supported by various Federal research and infrastructure grants. (See http://www.cs.utsa.edu for additional information on the Department of Computer Science and its faculty.)

The University is the largest public university in south Texas serving over 22,000 students, with courses offered at a main campus and a downtown campus located 20 minutes away. The city of San Antonio has a population of over one million and is known for its rich Hispanic culture, historic attractions, affordable housing, and excellent medical facilities. Substantial computer industry is located in San Antonio and Austin, located 75 miles away. Nearby higher education and research institutions include UT Health Science Center and Southwest Research Institute.

Responsibilities include research, teaching at the graduate and undergraduate levels, and program development. Salary and start-up supporting packages for the positions are highly competitive. Applicants must submit a letter of application that includes an indication of the level of position for which they are applying. Applications must also include a curriculum vitae, a statement of research interests, and the names, addresses (postal and e-mail), and telephone numbers of at least three references. Applicants who are not U.S. citizens must state their current Visa and residency status. Applications may be faxed, emailed, or mailed to:

Chair of Faculty Search Committee
Department of Computer Science
The University of Texas at San Antonio
6900 North Loop 1604 West
San Antonio, TX 78249-0667
search@cs.utsa.edu
FAX: 210-458-4437

Screening will begin January 15, 2003 and continue until the positions are filled or May 31, 2003. The University of Texas at San Antonio is an Affirmative Action/Equal Employment Opportunity Employer. Women and minorities are encouraged to apply.

THE UNIVERSITY OF CHICAGO Department of Computer Science

The Department of Computer Science at the University of Chicago is recruiting at all levels in a wide range of topic areas, including but not limited to AI, bioinformatics, computational linguistics, security, systems, and theory.

The University of Chicago has the highest standards for scholarship and faculty quality - and the Computer Department's charge and goal is substantial growth through appointments that will enhance the quality and prestige of our University. We especially value faculty whose research has impact and visibility beyond Computer Science. The University and Argonne National Laboratory established the Computation Institute to facilitate such interdisciplinary research. The Chicago Metropolitan area is diverse and exciting. The local economy is vigorous, with international stature in banking, trade, commerce, manufacturing, and transportation, while the cultural scene can boast diverse cultures, vibrant theater, world renowned symphony, opera, jazz, and blues, not to mention the best pizza in the world!

Please send applications and letters of recommendation to:

Professor Stuart A. Kurtz, Chairman
Department of Computer Science
The University of Chicago
1100 E. 58th Street, Ryerson Hall
Chicago, IL. 60637-1581
http://www.cs.uchicago.edu/recruit

The University of Chicago is an Equal

Opportunity/Affirmative Action Employer and encourages applications from underrepresented minorities and women.

ABO AKADEMI UNIVERSITY
Professor in Telecommunication Software

The Faculty of Chemical Engineering invites applications for a position as professor in Telecommunication Software.

The position is placed at the Department of Computer Science, which is part of The Turku Centre for Computer Science (TUCS). TUCS is a research and education centre in Information Technology for the three universities in Turku, Finland: University of Turku, Abo Akademi University, Turku School of Economics and Business Administration

All applicants must submit a letter of application, a curriculum vitae, copies of all transcripts, copies of a maximum of 20 recent publications, and a short (1-2) pages essay on how the applicant plans to develop the subject matter of telecommunication software at the Department.

The applications should be addressed to the Chancelor of Abo Akademi University, and should reach the following address no later than 31st January 2003, 16:15 o'clock: Abo Akademi, Domkyrkotorget 3, FIN-20500, Abo, FINLAND.

NOTE: The deadline is strict. No applications arriving after the deadline will be taken into consideration.

For more information please contact professor Johan Lilius, e-mail: Johan.Lilius@abo.fi. See also web-pages: http://www.cs.abo.fi, http://www.tucs.fi.

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 junior faculty candidates or exceptional senior candidates. Applicants in all areas are encouraged to apply and will be considered; however, preference will be given to candidates in the areas of distributed real-time and embedded systems, computer networks and middleware, and model-based software development. Applicants should have a doctorate or equivalent degree in computer science, computer engineering, or a closely related discipline. Candidates are expected to demonstrate their capability to develop a strong research program and maintain excellence in teaching.

The EECS department currently has 33 tenure/tenure-track faculty members and 10 research and teaching faculty members with a broad range of research interests and sponsored research activity reaching $9.3M. The department enrolls approximately 350 undergraduate students in three accredited programs: computer engineering, computer science, and electrical engineering. The department currently enrolls about 200 graduate students in computer science, electrical engineering, and an interdisciplinary program in management of technology. In addition, three research centers associated with the department, the Institute for Software Integrated Systems (ISIS), the Institute for Space and Defense Electronics, and the Center for Intelligent Systems (CIS), encourage and provide ample opportunities for innovative interdisciplinary research. For more information about the department and the school, please visit our website at http://eecs.vanderbilt.edu.

Applicants should send a resume, a complete publication list, 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 his or her research and teaching goals. The application package should be mailed to the Faculty Search Committee, Department of Electrical Engineering and Computer Science, Box 1679, 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 the position is filled. Vanderbilt University is an Equal Opportunity Employer.

THE UNIVERSITY OF MICHIGAN - DEARBORN
Department of Computer and Information Science
Assistant/Associate Professors

The Department of Computer and Information Science (CIS) at the University of Michigan - Dearborn invites applications for tenure-track faculty positions. Rank and salary will be commensurate with qualifications and experience. All areas will be considered, with preference being given to embedded systems, enterprise computing, information engineering, intelligent systems, software engineering, and virtual systems.

The applicant must have a Ph.D. in CIS or a closely related discipline by the time of appointment and will be expected to do scholarly and sponsored research, as well as teaching at both the undergraduate and graduate levels. The CIS Department offers several BS and MS degrees. Doctoral programs are under discussion in the College of Engineering and Computer Science. The current research areas in the department include CAD/CAM, distributed systems and middleware, embedded software systems, graphics and visualization, and information engineering.

The University of Michigan – Dearborn is located in the southeastern Michigan area and offers excellent opportunities for faculty collaboration with many industries.

The University of Michigan – Dearborn is dedicated to the goal of building a culturally diverse and pluralistic faculty committed to teaching and working in a multicultural environment, and strongly encourages applications from minorities and women.

A cover letter, curriculum vitae including e-mail address, and three letters of recommendation should be sent to

Dr. William Grosky, Chair
Department of Computer and Information Science
University of Michigan–Dearborn
4901 Evergreen Road
Dearborn, MI 48128-1491
Email: wgrosky@umich.edu
Internet: http://www.engin.umd.umich.edu/CIS
Phone: 313.583.6424
Fax: 313.593.4256

The University of Michigan – Dearborn is an equal opportunity/affirmative employer.

ROOSEVELT UNIVERSITY
CHICAGO
The School of Computer Science and Telecommunications

Applications are invited for a tenure-track faculty position at the Assistant or Associate Professor level starting Fall, 2003. Ph.D. in Computer Science, Telecommunications or closely related field preferred. Areas of expertise desired: network engineering and design, data communications, or network management. Teaching load includes lab courses. Associate Professor candidates are expected to have excellent teaching records and outstanding research accomplishments. Assistant Professor candidates must show ability and commitment to teaching and research potential. Applications, including CV, cover letter, and list of references should be submitted electronically to the search committee chairperson Dr. Alex Wolpert cst@roosevelt.edu Women and minorities are especially encouraged to apply. http://cs.roosevelt.edu/jobs. EOE.

BAYLOR UNIVERSITY
Computer Engineering

The Department of Engineering invites applications for a tenure-track faculty position in computer engineering with an emphasis in real-time and embedded systems design, software engineering or VLSI design. Other areas of computer engineering will also be considered. Requirements include an active Christian faith commitment, an earned doctorate, outstanding English communication skills, a commitment to teaching excellence, demonstrated research potential appropriate to rank, and a commitment to professional activities and registration. Some teaching and industrial experience is desired. The successful candidate will be involved in classroom and laboratory instruction, course and curriculum development, student advising, research activities, and professional service.

Baylor, a church-related university of 14,000 students and a member of the Big XII Conference, was chartered by the Republic of Texas in 1845 and is the oldest university in Texas. Baylor currently offers ABET/EAC-accredited B.S. programs in Electrical and Computer Engineering, Mechanical Engineering, and Engineering. The institution has just begun its ambitious ten-year plan, Baylor 2012 (http://www.baylor.edu/vision/index.php). As part of that plan, the department is now adding a masters program, with an accompanying growth of its faculty and facilities. Historical hallmarks of the department include a commitment to engineering education in a supportive Christian environment, small class size which encourages close student/faculty interaction, near-100% pass rate on the FE exam, and a high U.S. News peer-group ranking.

Waco/McLennan County is a regional community located in the Heart of Texas, midway between Dallas and Austin, and offers an array of cultural and recreational opportunities.

Applications will be reviewed beginning Dec. 1, 2002, and will be accepted until the position is filled. To ensure full consideration, applications must be completed by Jan. 15, 2003. Applications must include: 1) current vita, 2) individualized statement of academic interests related to Baylor's programs and plans, 3) statement of Christian faith and description of Christian affiliation and service, and 4) the names and contact information for at least three professional references. Further information, including official transcripts, will be required of finalists. Additional information for applicants is available at http://ecswww.baylor.edu/ecs/engineering/eng.htm. Send materials to Dr. Jim Farison, Baylor University, PO Box 97356, Waco TX 76798-7356, or by email to Jim_Farison@baylor.edu.

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

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.

Candidates whose research interests include HCI or hardware are especially welcome, but we welcome applicants in all CSE research areas. 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 Assistant Professors 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, 2003 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.

NEW JERSEY INSTITUTE OF TECHNOLOGY
Faculty Position
Department of Electrical & Computer Engineering

Several faculty positions are available in New Jersey Institute of Technology's Dept. of Electrical & Computer Engineering in the area of Computer Engineering & Wireless Communications & Networking. Preferred specialized areas include computer-aided design of VLSI chips, computer architecture, reconfigurable & embedded systems, wireless communications, networking & security & smart antennas. The individuals sought will have the capability to add depth & experience to further strengthen the dept.'s reputation at the national level. The Assistant Professor level positions require a good research publication record in peer-reviewed journals & conferences, promising communication skills for effective teaching & potential for establishing an outstanding research program at NJIT. The Associate & Full Professor level positions require an outstanding record of publications in recognized peer-reviewed journals, excellent teaching skills, externally funded research grants & awards. Teaching responsibilities include both undergraduate & graduate level courses. Earned doctorate in electrical engineering, computer engineering or computer science required. Rank & salary will depend on experience.

The Dept. of Electrical & Computer Engineering has 40 F.T. faculty, about 1,558 students & a growing enrollment. The ECE dept. is the largest in NJIT's Newark College of Engineering & in the NJ/NY metro area. NJIT, a public technological research university, has about 9,000 students pursuing baccalaureate through doctoral degrees & is a networked, computing-intensive campus. Research areas in the ECE dept. include communications, signal processing & microwave, computer networking, computer architecture & digital systems, VLSI, solid state & electro-optics systems & intelligent systems. The dept. has excellent research environment with a research expenditure of over $6 million per yr. & 5 multidisciplinary research centers: NJ Center for Wireless Telecommunications, NJ Center for Wireless Networking & Internet Security, Center for Communications & Signal Processing Research, Electronics Imaging Center & the Microelectronics Research Center with class 10 clean room facilities.

The university reserves the right to substitute equiv. education and/or experience at its discretion. NJIT is an equal opportunity, affirmative action, equal access employer & especially encourages applications from minorities, women & persons with disabilities. **Send CV, statement of teaching & research interests with a list of at least 3 references to: New Jersey Institute of Technology, attn: Personnel Box ECE-AAAP, University Heights, Newark, NJ 07102-1982.**

CLEMSON UNIVERSITY
Department of Computer Science

The Department of Computer Science at Clemson University expects multiple openings for tenure-track faculty positions. Outstanding candidates in all areas of Computer Science are encouraged to apply. Current faculty interests include algorithms and theory, databases, graphics & visualization, networking and systems, programming languages, and software engineering. Applicants should have a Ph.D. in computer science or a related field such as bioinformatics or information technology. Exceptional candidates will be considered for senior positions.

The Department has 19 faculty members, about 500 undergraduate majors, and over 100 graduate students. In addition to B.A., B.S., M.S. and Ph.D. degrees in Computer Science, the department also offers inter-disciplinary degrees in E-Commerce and Digital Production Arts. Clemson University is the land-grant university of South Carolina and has an enrollment of approximately 17,000. TIME magazine named Clemson the Public College of the Year for year 2000. U.S. News & World Report ranks Clemson 39th nationally among public universities. 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 October 1, 2002. The search will continue until the positions are filled.

Clemson University is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF MASSACHUSETTS AT AMHERST
Department of Electrical and Computer Engineering

Full-time tenure-track faculty position in Computer Engineering starting Fall 2003. The successful candidate will be expected to establish a high quality vigorous research program and is committed to excellence in education. Candidates must have an earned doctorate. Information about our department and the research interests of the faculty may be found at http://www.ecs.umass.edu/ece. Rank and salary commensurate with qualifications and experience. Review of applications will begin January 15, 2003 and continue until the position is filled. Applications including a cover letter, resume and names/addresses of at least three references should be sent to: CSE Search Committee, Requisition #17709 ECE Dept., KEB, UMass, Amherst, MA 01003-9284. The University of Massachusetts is an Equal Opportunity/Affirmative Action Employer. Women and members of minority groups are encouraged to apply.

WASHINGTON STATE UNIVERSITY VANCOUVER
Assistant or Associate Professor Computer Science

The Washington State University Vancouver Computer Science Program is seeking qualified applicants for a tenure track position beginning 8/16/03. This appointment is at the Assistant or Associate Professor level in the School of Electrical Engineering and Computer Science and is a resident position at WSU's Vancouver campus. The successful candidate will be responsible for research, teaching, and service in the area of computer science.

WSU Vancouver is located on a beautiful 351 acre campus approximately twelve miles north of Portland, Oregon in the fastest growing region of Washington state. Established in 1989, WSU Vancouver is growing to meet the needs of southwest Washington for higher education and currently serves 1700 graduate and undergraduate students. The computer science program at WSU Vancouver has been in operation for three years and is ABET/CAC accredited. It is housed in a newly constructed Engineering Laboratory building that includes lab facilities for teaching and research. WSU, classified as a Research 1 institution, is Washington's land grant university with faculty and programs on four linked, primary campuses. All faculty are appointed on the same basis, with support for, and the expectation of, excellence in teaching and research.

Qualifications: A Ph.D. in Computer Science, Computer Engineering, Electrical Engineering or a closely related field is required. Candidates must have demonstrated the ability to: (1) develop and teach undergraduate or graduate courses and laboratories in computer science and (2) develop a successful program of funded research. Additional consideration may be given to candidates who also have relevant industrial experience or who have conducted successful research projects with regional industry. Preferred candidates will have research and/or teaching experience in any of the following areas: Software engineering, computer graphics & imaging, parallel computing, networks and electronic design automation.

Send letter of application, curriculum vita, and the names and addresses of three current references to Dr. Charles R. Lang, Computer Science Search Committee, Washington State University, 14204 NE Salmon Creek Avenue, Vancouver, WA 98686-9600. Applications must be received by January 31, 2003 to receive full consideration, but will be accepted until position is filled. WSU employs only US citizens and lawfully authorized noncitizens. WSU is an EO/AA educator and employer.

TEXAS A&M UNIVERSITY
Faculty Search
Department of Computer Science

Applications are invited for several tenure-track faculty positions. The Computer Science Department has strong activities in both Computer Science and Computer Engineering. Outstanding candidates at all levels and from all areas of specialization in both Computer Science and Computer Engineering will be considered.

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

The Department of Computer Science is one of the fastest-developing departments in the College. In recent years, it has built a strong national reputation based on the quality of its faculty and programs. The Department offers B.S., Master's and Ph. D. degrees in Computer Science and Computer Engineering. Currently we have 31 tenured and tenure track faculty, including eight NSF PYI/NYI/CAREER award recipients. Most major areas of computer science and engineering research are included among the research interests of our current faculty. More information is available on the Web at http://www.cs.tamu.edu.

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

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

UNIVERSITY OF WISCONSIN-MADISON
Faculty Positions

The Department of Electrical & Computer Engineering invites applications for multiple tenure-track or tenured positions beginning August 25, 2003 in Computer Engineering and at the juncture of Computer Engineering and Electrical Engineering. Focus areas for this faculty search will include but are not limited to computer and communication networks; wireless and sensor networks; advanced coding and modulation techniques; electronic design automation; computer architecture; bioelectronics; optoelectronics; and ultrafast microelectronics. Applications from individuals having research and teaching interests in interdisciplinary areas of electrical and computer engineering are particularly encouraged.

A Ph.D. degree in Electrical Engineering, Computer Engineering, Computer Science, Physics or a closely related field is required. The successful candidate is expected to establish a strong, funded research program, demonstrate excellent teaching performance, and contribute to professional and public service. Duties include: teach and develop undergraduate and graduate courses; supervise graduate student research; develop and direct a funded research program; participate in faculty governance; participate in department, university, professional and public service.

Those who have previous university experience and who are applying for Associate and Full Professor positions, require six 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 tenured 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 with $70,000 minimum for assistant professor title (9 months). Deadline to insure full consideration is February 15, 2003. Send

cover letter noting area(s) of interest, resume and names and addresses of three references to Professor Christopher L. DeMarco, ECE Chair, Search Committee, Department of Electrical & Computer Engineering, 1415 Engineering Drive, Madison WI 53706-1691. Unless confidentiality is requested in writing, information regarding the applicants must be released upon request. Finalists cannot be guaranteed confidentiality. UW-Madison is an equal opportunity employer functioning under an affirmative action plan. The department is strongly committed to having a diverse faculty and student body. Applications from female and minority candidates are especially encouraged.

NORTHEASTERN UNIVERSITY
College of Computer and Information Science
Boston, Massachusetts

Faculty Position in Computer Science. The College of Computer and Information Science invites applications for a tenure-track faculty position in computer science beginning in Fall 2003. The position is at the Assistant Professor level, but exceptional candidates at the senior level (Associate or Full Professor) will also be considered. Candidates will be considered from all major disciplines of computer science. A Ph.D. in computer science or related field is required.

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

The College has a diverse full-time faculty of 23, with approximately 675 undergraduates, 125 Masters students and 50 Ph.D. students. In addition to degrees in computer science, the College offers an innovative B.S. program in Information Science, combining traditional computer science with relevant material from business and the social sciences in an integrated program that focuses on the interaction between information, computers, and people.

Located on the Avenue of the Arts in Boston's historic Back Bay, the College takes advantage of its location to foster collaborations with other institutions in the greater Boston area. The College will be moving to a new state of the art building opposite the Museum of Fine Arts in Fall 2004.

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

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

SOFTWARE ENGINEER

Senior programmers of C or C++ and project manager in the field of embedded system, who have knowledge and experience of RTOS (like Nucleus or MicroItron), or of mobile protocol (like GSM, 3G, CDMA), or of CPU (like ARM) and RF. English fluent and Japanese literate, workable in Japan.

To apply, send your resume to t-kanno@lis.co.jp

LINK INFORMATION SYSTEM CO., LTD
ADVANCE SYSTEM DIVISION
Shibuya Central BLDG.
3-14 Udagawa-cho, Shibuya-ku,
TOKYO 150-0042 JAPAN
URL: http://www.lis.co.jp

UNIVERSITY OF TENNESSEE, KNOXVILLE
Faculty Positions

The Department of Electrical and Computer Engineering (ECE) at The University of Tennessee, Knoxville is seeking candidates for three tenure-track faculty positions. The ECE Department offers B.S. degrees in electrical engineering and computer engineering and the M.S. and Ph.D. degrees.

Successful candidates must be committed to teaching at both undergraduate and graduate levels and have a strong commitment to research. Particular emphasis will be placed on candidates willing to collaborate with other faculty in research. Information about the ECE Department can be found at the departmental home page at http://www.ece.utk.edu/.

The ECE Department is committed to increasing its national visibility in scholarship and research including enhancing research collaboration with the nearby Oak Ridge National Laboratory (ORNL). ECE faculty are expected to compete successfully for research funding on a national level.

Departmental priority areas include but are not limited to *electromagnetics* (high frequency RF, antennas, plasma science, industrial plasma engineering, microwave circuits); *computer engineering* (VLSI, computer architecture, computer hardware/ software, embedded systems, reconfigurable computing, fault tolerant computing); *electronics and electronic devices* (analog/mixed-signal, instrument/measurement, device physics/ microelectronics); *nanotechnology; communications* (information and coding theory, wireless communications, optics and optical communication systems); *networks and information assurance* (protocols, security, distributed and parallel processing); *systems and controls* (hybrid and discrete event systems, systems identification, control of communications systems, robust control); and *power* (power electronics and power systems).

Interested candidates should submit a letter of application, a curriculum vitae and a statement of research and teaching interests and arrange for three letters of reference to be sent to Faculty Search Committee, Department of Electrical and Computer Engineering, 414 Ferris Hall, University of Tennessee, Knoxville, TN 37996-2100; FAX: 865-974-5483; e- mail: facultysearch@ece.utk.edu. Consideration of applications will begin on January 15, 2003 and positions will remain open until filled.

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services.

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 multiple tenure-track faculty positions at the Assistant, Associate, or Full Professor level to begin Fall 2003. 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 prior to January 2004. The following are preferred research areas: simulation, computer and communication networks, wireless engineering, information assurance and security, real-time and embedded systems, operating systems, human-computer interaction, database systems, programming languages, and software engineering; however, all areas of computer science and software engineering will be considered. *The candidate selected for this position must be able to meet the eligibility requirements for work in the United States.*

CSSE has recently created a center for Innovations in Mobile, Pervasive, and Agile Computing Technologies (IMPACT). The University will invest over $1M over five years in new positions with an objective of gaining national prominence in the IMPACT research areas and other areas of information technology.

The CSSE Department currently has 17 full-time faculty members and supports strong graduate (M.S., M.Sw.E., Ph.D.)

and undergraduate programs (B.S., B.Sw.E.) in computer science and software engineering. Beginning in Fall 2002, CSSE, jointly with Electrical and Computer Engineering, began offering a new undergraduate degree program in wireless engineering (B.W.E). CSSE enrollment for Fall 2002 is approximately 600 undergraduate and 100 graduate students. Faculty research areas include software engineering, computer and communication networks, human-computer interaction, pervasive computing, artificial intelligence, and database systems. Additional information about the Department and faculty research interests can be found at 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 Graduate School provides master's level programs in 130 areas and doctoral programs in 96 fields. The College of Engineering has an enrollment 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 the names and addresses of 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 sheriev@eng.auburn.edu)
334-844-6300 (Voice)
334-844-6329 (Fax)
http://www.eng.auburn.edu/csse/

The applicant review process will begin in January 2003 and continue until successful candidates have been identified.

Auburn University is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF RHODE ISLAND
Assistant Professor
Department of Electrical and Computer Engineering

This is a tenure-track, academic-year appointment, beginning in the Fall of 2003. Teach undergraduate and graduate level courses, develop curricula and laboratories, advise graduate students, and develop and maintain high-quality funded research. Required: a doctorate in electrical, computer, or biomedical engineering or computer science; demonstrated ability to teach undergraduate and graduate courses in the areas of computer, biomedical, or electronics engineering; demonstrated ability to conduct high-quality research. Preference will be given to candidates who add to department strengths in one or more of the following areas: computer networks, computer architecture, embedded systems, biomedical engineering, analog/digital VLSI systems, design and test of system-on-chip, communications, signal processing, or closely related fields. Review of applications will begin February 3, 2003 and continue until position is filled. Submit a resume and cover letter, including description of research and teaching background and objectives to: **Richard Vaccaro, Search Chair, (Req #IEC010137), UNIVERSITY OF RHODE ISLAND, P.O. Box G, Kingston, RI 02881**. URI is an AA/EEO employer and values diversity.

ROCHESTER INSTITUTE OF TECHNOLOGY

The Computer Science Department at Rochester Institute of Technology has an open visiting faculty position, and expects to have additional visiting and tenure-track faculty positions (pending approval of funding) beginning September, 2003. The Department is currently accepting applications and interviewing candidates for these positions. The Department offers an MS and a CSAB-accredited BS degree in Computer Science.

Applicants in any field of Computer Science will be considered. While a Ph.D. in Computer Science or a related field is preferred, a Masters degree in Computer Science with relevant industrial experience is acceptable. Teaching experience is highly desirable. An important goal of the College and the Institute is achieving diversity in the student body, faculty, staff, and administration. Applications from minorities, women, and other under-represented groups are especially encouraged.

For complete details and submission instructions, please see: http://www.cs.rit.edu/deptInfo/facPos.html

RIT is an equal opportunity, affirmative action employer.

INDIANA UNIVERSITY SOUTH BEND
Department of Computer and Information Sciences
Assistant Professor of Computer Science

The Department of Computer and Information Sciences invites applications for one or more tenure track positions for the 2003-2004 academic year. A Ph.D. in computer science or informatics or closely related area is required. Candidates with expertise in areas such as software engineering, or areas within informatics such as bio-informatics and health informatics will be given preference. Successful candidates will be expected to teach both undergraduate and graduate courses. Duties include research and teaching eighteen semester hours per year (usually 5 courses). Salary will be competitive. The position comes with an excellent fringe benefit package.

Applicants should submit by January 31, 2003, a letter of application, a curriculum vitae, transcripts, and letters from three references to

Dr. Hossein Hakimzadeh, Chair
Department of Computer and Information Sciences
Indiana University South Bend
South Bend, IN 46634

At least one of the letters should address teaching qualifications. These materials may also be faxed to (574) 237-6589, or transmitted by email to hhakimza@iusb.edu. Applications received after January 31 will be considered only if a suitable candidate cannot be found in the initial applicant pool. As an AA/EEO/ADA employer, IUSB encourages women, minorities and the disabled to apply.

Additional information about the department may be obtained by visiting our web site at www.cs.iusb.edu

---

UNIVERSITY OF CONNECTICUT
School of Engineering
Computer Science & Engineering Department
Assistant Professor
Tenure-track Faculty Openings

The Computer Science & Engineering Department seeks outstanding candidates in the areas of bioinformatics and networks for at least two tenure-track assistant professor positions starting in Fall 2003. The University of Connecticut, the land-grant, flagship graduate degree-granting institution in Connecticut, is a Carnegie Foundation Research I university and is ranked the number one public university in New England by U.S. News & World Report. The CS & E Department offers Ph.D., M.S., and B.S. degrees, and is strongly committed to research and teaching excellence, continued growth, and increasing national visibility, as evidenced by hiring six new faculty members, including a chaired professor, in the last two years. In Spring 2003, the CS & E Department will move into a new state-of-the-art Information Technology Engineering building which is a part of a major campus-wide infrastructure project supported by the State of Connecticut.

Candidates are encouraged to state the primary areas of their research interests. Candidates must have completed all requirements for their Ph.D. in Computer Science, Computer Engineering, Bioinformatics, or a related field by the time of appointment. Candidates are also expected to have a research/publication record commensurate with experience, and a strong commitment to scholarly research and teaching. Applicants are invited to submit resumes and the names

(including phone numbers and e-mail addresses) of at least three references to: Steven A. Demurjian, Chair, Faculty Search Committee, Computer Science & Engineering Department, 191 Auditorium Road, Unit 3155, The University of Connecticut, Storrs, CT 06269-3155. Direct qualification questions to *cse_search@ansible.engr.uconn.edu* and administrative inquiries to Ms. Eileen Marshall at lee nie@engr.uconn.edu

To expedite the review and selection process, all candidates should have their references immediately send letters. Salary, benefits, and a competitive start-up package for each position will be commensurate with the record of the applicant. Applicant screening will continue until the positions are filled. The University of Connecticut encourages applications from minorities, women, and people with disabilities. (Search #03A140 and #03A141)

CALIFORNIA UNIVERSITY OF PENNSYLVANIA
Mathematics and Computer Science Department

Full-time tenure track position in Information Technology to begin Fall 2003. Duties will include teaching undergraduate and graduate courses in information technology and related programs, program and curriculum development, providing leadership in national accreditation of the Information Technology program, and the establishing, and maintaining a professional discipline-related advisory board. For a complete description and application requirements see the Web site www.cup.edu. AA/EEO.

BROWN UNIVERSITY
Faculty Position in Computer Engineering

The Division of Engineering at Brown University invites applications for a tenure-track or tenured faculty position in Electrical Sciences and Computer Engineering starting in September 2003. The appointment may be made at the level of Assistant, Associate or Full Professor depending on the qualifications of the candidate selected.

Qualifications include a Ph.D. or equivalent degree in Electrical Engineering, Computer Engineering or Computer Science with a strong engineering background, and significant research accomplishments in an appropriate area of computer engineering. We are seeking outstanding applicants in all areas of hardware computer systems, but are especially interested in candidates who will foster, nurture, and expand our existing strengths in computer engineering or who will build new strengths that are synergistic to our current ones. Areas of particular interest include, but are not limited to, computer architectures (general purpose as well as those for signal/image processing or communications/networking), digital VLSI systems and CAD, real-time computing, embedded systems, and architectures suitable for nanotechnology or molecular computing. The appointee will be expected to be an important contributor to an active research program in computer engineering at Brown, collaborate with existing faculty, and teach undergraduate and graduate courses in the appropriate area of specialty in Computer Engineering as well as in the core curriculum of the Division. Appointment at the level of Associate Professor or Professor would require a record of achievement in research that is commensurate with holding such rank at major research universities. Award of tenure requires demonstration of excellence in teaching as well as research.

Applicants should send a resume in hard copy form and have at least three (five for a senior level appointment) referees send letters of recommendation to:

Professor Iris Bahar
Search Committee Chair
Division of Engineering, Box D
BROWN UNIVERSITY
Providence, RI 02912

Inquiries may be addressed to *Tina_Trahan@brown.edu*. All application materials must be received by January 15, 2003 for full consideration. Position is subject to final approval by the University. Brown University is an equal opportunity/affirmative action employer and strongly encourages applications from women, minorities, and protected persons.

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 to four anticipated tenure-track positions at the Assistant/Associate Professor level beginning in Spring 2003 and Fall 2003. Salary and startup packages are competitive. We are especially interested in candidates with specialization in Software Engineering, Programming Languages/Compilers, Computer Architecture, VLSI systems, Information Security, Web-based Systems, Data Mining and areas related to systems development. Applicants must have a Ph.D. in Computer Science or a closely related discipline by the time of appointment. Strong evidence of research capabilities and commitment to teaching are essential. We offer a significantly reduced teaching load for junior tenure track faculty for at least the first three years.

Binghamton is one of the four Ph.D. granting University Centers within the SUNY system and is nationally recognized for its academic excellence. The Department has well- established Ph.D. and M.S. programs, an accredited B.S. program and is on a successful and aggressive recruitment plan. Local high technology companies such as IBM, Lockheed-Martin, BAE and Universal Instruments provide opportunities for collaboration. Binghamton borders the scenic Finger Lakes region of New York.

Send a resume and the names of three references to Professor Kanad Ghose, Department of Computer Science, State University of New York at Binghamton, P.O. Box 6000, Binghamton, New York 13902-6000. For candidates applying for Fall 03, first consideration will be given to applications that are received by February 21, 2003. Applications will be considered until the positions are filled.

Binghamton University is an equal opportunity/affirmative action employer.

QUALITY ASSURANCE ANALYST

Analyze/insure company stds. & technical specifications are met in producing software for financial companies. Jobsite: L.A. B.A. Accounting/Econ. req'd. Fax resumes to Maria @ I.D.S. (310) 473-4352.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Faculty Positions

The Department of Electrical Engineering and Computer Science (EECS) seeks candidates for faculty positions starting in September 2003. We anticipate openings for several faculty appointments for individuals who are completing, or who have recently completed, a doctorate. In special cases, a senior faculty appointment may be possible. Faculty duties include teaching at the graduate and undergraduate levels, research, and supervision of student research. We will consider candidates with backgrounds and interests in all areas of electrical engineering and computer science.

Candidates must register with the EECS search website at eecs-search.eecs.mit.edu. Materials may be submitted electronically to the website or sent to the address below. Candidate applications should include a description of your professional interests and your goals in both teaching and research. Each application should include a curriculum vitae and the names and addresses of three or more individuals who will provide letters of recommendation. Letter writers should submit their letters directly to MIT, either on the website or by mailing to the address below. Please respond by January 15, 2003.

Send all materials not submitted on the website to:

Professor John Guttag
Department Head, Electrical Engineering and Computer Science
Massachusetts Institute of Technology
38-403
77 Massachusetts Avenue
Cambridge, MA 02139
M.I.T. is an equal opportunity/affirmative action employer.