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:
Dr. David McAllester
Professor
Toyota Technological Institute at Chicago
mcallester@tti-c.org

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 to new, privately endowed, perva-sive 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 possi-bile 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. Applican-ts 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...

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.

SUBMISSION DETAILS: Rates are $26.00 per line (ten lines minimum). Average five typset 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 grad…” “…1-4 years 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.

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.
the department please visit our web site at www.cs.indiana.edu.

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

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

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

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 computation, biotechnology, 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 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.

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.

The University of Missouri-Columbia
Department of Computer Engineering and Computer Science
Announcement of Faculty Positions

The Department of Computer Engineering and Computer Science invites applications for several tenure-track positions. Applicants should have or are about to complete a PhD in Computer Engineering, Computer Science, or a related field. Applicants should show evidence of excellent research and teaching promise. Successful applicants will be expected to establish a quality research program, to teach both graduate and undergraduate courses, and to participate in student advising. Currently the department has several open positions: one in Computational Mathematics (computer/network security and cryptography); one in Knowledge-Based Health Care (medical imaging, networked multimedia, digital library, artificial intelligence, storage/processing of images/videos, and human-computer interaction); one in Network Learning Systems (natural language processing, human-computer interaction, networked multimedia, web-based multimedia applications, and high performance communications and networking); one in Operating Systems (operating systems, compiler, and software engineering); and, one in Bioinformatics and Computational Biology. We request that applicants specify a position that most closely matches their expertise.

The Department of Computer Engineering & Computer Science has established several outstanding federally and industrially funded research programs in multimedia communications and networking, bioinformatics and computational biology, applied image processing and fuzzy-logic-based vision systems, speech recognition and human-machine interfaces, large dataset scientific visualization, distributed computing and web technology with applications in education, cognitive science and connectionist models, content-based image databases, high-performance computing and networking, spatial data analysis and information fusion, and spatial descriptions and robot navigation.

Please send a resume, a statement of teaching and research plan, and three references to:

Faculty Search Committee Chair, Prof. Yunxin Zhao
Department of Computer Engineering and Computer Science
201 Engineering Building West
University of Missouri-Columbia
Columbia, Missouri 65211-2060
http://www.cecs.missouri.edu

We will start the review of applications January 01, 2003, and will continue to consider applicants until positions are filled or until the closing date of July 15, 2003. Subject to availability of funds, positions are expected to start in January or August 2003.

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

UNIVERSITY OF CALIFORNIA, LOS ANGELES
Department of Computer Science

The Department of Computer Science in the Henry Samueli School of Engineer-
ing and Applied Science at the University of California, Los Angeles, invites applica-
tions for tenure-track positions in all areas of Computer Science and Computer En-
gineering. Applications are also strongly encouraged from distinguished candi-
dates 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 par-
ticularly welcome those with a strength in systems, networking, compilers, theory, and in interdisciplinary areas such as bioin-
formatics 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.

UNIVERSITY OF UTAH
Tenure Track Faculty Positions

The University of Utah’s School of Com-
puting 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, nat-
ural 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 indi-

vidual investigator research activities. Research areas and course offerings ben-

efit from the quality and breadth of our faculty and emphasize a balance of theo-

tical foundations and practical en-

gineering. 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 comput-

ing & visualization, systems, and algo-

rithms. 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:

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 imme-
diately and will continue until the posi-
tions 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 individu-

als with disabilities are encouraged to apply.

University of Bristol
Lecturer in Computer Science CAD, Design and Test
Up to $50k

We are one of the leading research based universities in the UK located at the heart of one of Europe's largest concentrations of high-technology industry. We are an international centre of excellence in research and have expanded rapidly over the last five years. Following the appointment of Professor Dhiraj Pradhan, we intend to appoint a new lecturer to strengthen our rapidly growing research and teaching programme in CAD, Verification, Design & Test. Fault-tolerance and related areas. Given the research nature of the department, this position provides significant opportunities for research as well as undergraduate teaching. Informal enquiries can be made to Professor D Pradhan, Department of Computer Science, email pradhan@cs.bristol.ac.uk or tel +44 117 954 5264.

The closing date for applications is 9.00 am, 17th February 2003.

Further details and an application form can be found at www.bristol.ac.uk/boris Alternatively you can telephone (0117) 954 6947, minicom (0117) 928 8994 or e-mail recruitment@bristol.ac.uk (stating postal address ONLY), quoting reference number 8969.

EXCELLENCE THROUGH DIVERSITY

www.bristol.ac.uk

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 academ-
ic 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 acade-

mic background in areas other than com-
puter 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 gradu-
ate a solid foundation in computer sci-
University of Massachusetts
Boston

Department of Computer Science

Assistant Professor

The Assistant Professor position at the University of Massachusetts Boston invites applications for Fall 2003 for one faculty position at the Assistant Professor level. We are a growing department, offering a BS, and MS with an emphasis in software engineering, and a recently established doctoral program. We seek to strengthen our research program significantly. Current faculty interests include databases, data mining, parallel computing, software engineering, computer security, and relational databases.

Our campus overlooks Boston harbor; our faculty and students enjoy professional life in the center of academia and the software industry. For more information, visit us at http://www.cs.umb.edu

An Equal Opportunity, Title IX employer.

University of Massachusetts
Boston
www.umb.edu

Massachusetts Institute of Technology

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).


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

January 2003
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/>.

Applications 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.

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 activity.

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/PI, 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) 373-4139 (617) 373-4431 (fax)
Northeastern is an equal opportunity/affirmative action, Title IX university.

UNIVERSITY OF SOUTHERN CALIFORNIA Department of Electrical Engineering-Systems

The Systems Division of the Electrical Engineering Department invites applications for tenure-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 all 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.

UTAH STATE UNIVERSITY Department of Computer Science

Applications are invited for faculty positions at all ranks beginning Fall 2003. Applicants must have completed a Ph.D 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.

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 (ECECS) 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 (ECECS) 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 ECECS 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 ECECS. 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

University of Southern California
Department Chair, Electrical Engineering–Systems

The Department of Electrical Engineering–Systems (EE–S) seeks applications from dynamic and visionary individuals for the position of Department Chair. Candidates should have a distinguished research career in some aspect of electrical systems engineering, such as communications, controls, computer engineering or signal processing. Prior experience in a leadership capacity, such as department chair or center/laboratory director, is desirable.

The EE–Systems Department has 35 faculty, including 5 members of the National Academy of Engineering, a broad base of research support, 325 undergraduate students and over 1,000 graduate students. The School of Engineering, #8 in the 2002 U.S. News and World Report ranking of graduate schools of engineering, is experiencing rapid growth in students, faculty, and research volume. Located in Southern California, the department is ideally situated for collaborations with aerospace, telecommunications, and other high-tech companies. The Department of EE–S is also affiliated with the Information Sciences Institute (ISI), the Integrated Media Systems Center (IMSC–an NSF ERC), the Communication Sciences Institute (CSI), the Signal and Image Processing Institute (SIP), the Institute for Creative Technologies (ICT), and the Center for Advanced Transportation Technologies (CATT), all at USC. Further details and news can be found online at http://ee.usc.edu.

If you would like to apply, please mail application (including a complete CV) to:

Search Committee (EE–S Chair)
School of Engineering
Olin Hall of Engineering, Suite 200
University of Southern California
Los Angeles, CA 90089-1450

Screening of applications will begin January 1, 2003 and applications will be accepted until the position is filled. The University of Southern California is an equal opportunity, affirmative action institution.
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: csrecruit@cs.indiana.edu

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

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 occupies a new state-of-the-art state-of-the-art Sun Fire 6800 with over 100 processors, several high-end Sun clusters and servers and access to the University’s IBM RS/6000 SP massively parallel supercomputer. The Department 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 35 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 three years. 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 recruit 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
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 an email to cs-search@utdallas.edu, or view the Web site 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.

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.

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.

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 graphics, 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.

January 2003
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.

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.

Candidates 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/trade-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.

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. The 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 candidates 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 Ph.D. degree 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/EEO.

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 teaching 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
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. Applications 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 undergraduates 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.”

Applications 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 sherief@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.

STATE UNIVERSITY OF NEW YORK AT BINGHAMTON
Department of Computer Science and Engineering
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.

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 Microltron), or of mobile protocol (like GSM, 3G, CDMA), or of CPU (like ARM) and ENGLISH fluent and Japanese literate, workable in Japan.

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

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 Depart-

January 2003
THE UNIVERSITY OF MICHIGAN, ANN ARBOR
Department of Electrical Engineering and Computer Science
Computer Science and Engineering Division
Faculty Positions

Applications and nominations are solicited for multiple junior and senior faculty positions in the Computer Science and Engineering (CSE) Division. Qualifications include an outstanding academic record, a doctorate or equivalent in computer engineering or computer science, and a strong commitment to teaching and research. Candidates from all areas of computer science and engineering are encouraged to apply, especially those in graphics and software systems.

The University of Michigan is a Non-Discriminatory/Affirmative Action Employer.

Please send resume, vita and names of three or more references to:
Professor John E. Laird, Assoc. Chair
CSE Division
Department of Electrical Engineering and Computer Science
University of Michigan
1301 Beal Avenue, Room 4202
Ann Arbor, MI 48109-2122
URL: http://www.eecs.umich.edu/cse

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

NORTHWESTERN UNIVERSITY

Applications are invited for tenure-track faculty positions starting September 1, 2003 in the Department of Electrical and Computer Engineering of the Robert R. McCormick School of Engineering and Applied Science at Northwestern University. We have needs in the following areas:
• Solid State and Photonics, with an emphasis on nanotechnology,
• Systems, with an emphasis on networks and communications,
• Computer Engineering, with an emphasis on computer architecture.

The candidates must have a Ph.D. or equivalent in Electrical and Computer Engineering or Computer Science, and will be expected to teach three to four quarter courses per year, perform research, and supervise graduate students. We are primarily looking for candidates at the Assistant Professor level (except in the Solid State and Photonics area where we are searching for a senior faculty member); however, outstanding candidates at the Associate and Full Professor levels will also be considered. The ECE department has 30 full-time faculty members, 280 undergraduate and 130 graduate students, and many state-of-the-art laboratory facilities. The department offers B.S., M.S., and Ph.D. degrees in both Electrical Engineering and Computer Engineering. For more information about the department, please check: http://www.ece.northwestern.edu

Northwestern University is an Affirmative Action/Equal Opportunity Employer. Applications from women and minorities are especially encouraged. Hiring is contingent upon eligibility to work in the United States. The deadline for applications is February 1, 2003; however, the search will continue until the positions are filled.

Please send hard copies of a resume and names of at least five references to:
Professor Prith Banerjee
Chairman
Department of Electrical and Computer Engineering
Northwestern University
2145 Sheridan Road
Evanston, IL 60208-3118
EMAIL: banerjee@ece.northwestern.edu
Phone: (847) 491-3641

UNIVERSITY OF TORONTO
Department of Computer Science Lecturer

The Department of Computer Science at the University of Toronto seeks enthusiastic and innovative teachers for teaching stream positions at the rank of Lecturer. The department is an international leader in Computer Science research and education, and has recently undergone a significant expansion in faculty and research resources. Candidates should have an advanced degree in Computer Science or related field and an exceptional record of classroom instruction and curricular innovation.

Responsibilities include undergraduate teaching, managing teaching assistants, developing course materials, and curriculum development. In addition, all faculty have some responsibility for student recruitment and departmental administration. Initial appointments are for terms of one to three years. In the fifth year of service, Lecturers are reviewed for promotion to the rank of Senior Lecturer, which is a continuing appointment.

The successful applicant will join a group of talented Lecturers and Senior Lecturers, who enjoy a collegial and stimulating work environment. We seek candidates who are interested in establishing a long-term teaching career in the Department.

The Greater Toronto area is one of the most vibrant and cosmopolitan in the world. It is also a major centre for advanced technology and the computer industry with which the department enjoys strong interactions.

Interested candidates are invited to submit a curriculum vitae, statement of career goals and teaching philosophy, evidence of teaching excellence, and the names and e-mail addresses of at least three references. Applications should be sent by e-mail (text, postscript or PDF only, please) to lecturer-search@cs.toronto.edu or, if that is not possible, by post to Lecturer Recruiting Committee Chair, Department of Computer Science, University of Toronto, Toronto, ON M5S 3G4.

The deadline for applications is February 28, 2003 or until the position is filled.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

FLORIDA ATLANTIC UNIVERSITY
Department of Computer Science and Engineering
College of Engineering

The Department of Computer Science and Engineering seeks applications for several tenure-track faculty positions at the Assistant and Associate Professor levels. The positions require a doctorate in computer science, computer engineering, or a closely related field. Applicants must show evidence of demonstrated teaching ability and research potential. The appointments will begin from August 2003. Review of applications will begin February 15, 2003 and will continue until the positions are filled. Salary, fringe benefits, and teaching load are competitive.

Florida Atlantic University, a member of Florida’s State University System, is a multi-campus institution with its main campus located in Boca Raton, on the Atlantic coast, midway between West Palm Beach and Fort Lauderdale. The University has over 25,000 students and offers a variety of degree programs at all levels.

The Department currently has 24 regular faculty, with other visiting and research faculty normally in residence. It offers bachelor’s, master’s and doctoral programs in computer science and in computer engineering. The Department also offers our undergraduate computer science program at our Davie campus (25
miles south of Boca Raton) and our Port St. Lucie campus (80 miles north of Boca Raton). Over 1600 undergraduate, 250 master’s, and 30 doctoral students are enrolled in the Department.

The Department has several well-equipped laboratories. It interacts closely with many high-tech companies located in the area (including Motorola, IBM, Siemens, Citrix, and others), which have helped provide state-of-the-art facilities. We have an active research program, with both federal and industrial sponsors. More information about the Department can be accessed through the Web at http://www.cse.fau.edu.

Applicants should send a hard copy resume and the names, phone numbers, and email addresses of at least three professional references, along with a cover letter specifying teaching and research interests and rank (Assistant, Associate) sought, to Chair, Department of Computer Science and Engineering, Florida Atlantic University, 777 Glades Road, Boca Raton, Florida 33431. Electronic mail communications should be addressed to searchcomm@cse.fau.edu. Florida Atlantic University is an equal opportunity/equal access institution.

UNIVERSITY OF CALIFORNIA, RIVERSIDE
MARLAN AND ROSEMARY BOURNS COLLEGE OF ENGINEERING
Faculty Positions in Computer Science & Engineering

The University of California, Riverside invites applications for tenure-track or tenured faculty positions in the Department of Computer Science and Engineering for the 2003-2004 academic year. Applicants must have a Ph.D. in Computer Science or in a closely related field. Systematic specialties such as networking, security, databases, operating systems, computer graphics, software engineering, architecture, compilers, embedded systems, VLSI, as well as the area of computational biology are of particular interest, but applications are welcome in all areas of Computer Science. Senior candidates must have an exceptional research and teaching record. Junior candidates must show outstanding research and teaching potential. Salary will be competitive, and commensurate with appointment rank and qualifications. UC Riverside is the fastest-growing member of the nine-campus University of California System, widely regarded as the most distinguished system of public higher education in the United States. The CSE department has now grown rapidly to 23 full-time faculties, and expects to grow to about 40 over the next six years. The Campus- and College-wide expansion programs include a new state-of-the-art building soon to house the CSE and EE departments. Annual research expenditures in the College are close to $346K/year per faculty. The CSE department offers the B.S., M.S., and Ph.D. degrees. More information is available at http://www.cs.ucr.edu.

The city of Riverside, located about 60 miles away from Los Angeles, offers easy access to mountains, Pacific Ocean beaches, cultural activities, shopping, and other attractions. Applications and inquiries should be sent to:
Chair, Faculty Search Committee
Department of Computer Science and Engineering
University of California, Riverside, CA 92521-0304
(909) 787-5639
or by e-mail to: hire@csc.ucr.edu.

Applications must include curriculum vitae, list of publications, a statement of research and teaching objectives, and names and addresses of four references (junior candidates may have reference letters mailed directly to the department). Formal review of applications begins January 18, 2003. Early applications are encouraged, however, late applications will be considered until the positions are filled.

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

UNIVERSITY OF NEBRASKA - LINCOLN
Jensen Chaired Professorship in Software Engineering

Software engineering is a focus area of the Computer Science and Engineering (CSE) Department at the University of Nebraska-Lincoln (UNL). Supported by recent endowments for research and teaching, we are embarking on dynamic growth and seek applications for the Jensen Chaired Professorship in software engineering. UNL is a comprehensive research university with Carnegie I standing and membership in the elite Association of American Universities. The CSE Department offers BS, MS, and PhD degree programs in computer science, computer engineering, and software engineering. Lincoln, the capital of Nebraska, is a prosperous community of over 250K people and ranks high in quality-of-life.

For complete position advertisements, visit http://cse.unl.edu/search, email search@cse.unl.edu, or phone (402) 472-2401.

UNIVERSITY OF NOTRE DAME
Faculty Position
Department of Computer Science & Engineering

The Department of Computer Science and Engineering at the University of Notre Dame (http://www.cse.nd.edu) invites faculty applications. Rank and area of specialty are open.

Our faculty are actively engaged in high-quality research in a variety of areas, supported by NSF, DARPA, SRC, Air Force, HP/Compaq, and other organizations. The blend of small class size, low teaching load, and a “PhD only” graduate program allows us to emphasize true excellence in both research and teaching. Faculty must be committed to both quality teaching and a strong externally-funded research program.

Notre Dame is ranked 18th among national universities in the 2002 US News and World Report survey. Notre Dame’s heritage and values are unique among top-ranked national universities, resulting in a distinctive character of campus life. Screening of applications will begin December 1, 2002 and continue until the positions are filled. Applicants should send cover letter, cv, a statement of research interests, statement of teaching interests, and names and addresses of at least three references either to: facultysearch@cse.nd.edu, or to Chair, Faculty Search Committee Department of Computer Science and Engineering 384 Fitzpatrick Hall University of Notre Dame Notre Dame, IN 46556

ARKANSAS STATE UNIVERSITY

The Department of Computer Science and Mathematics at Arkansas State University in Jonesboro is seeking applications for a tenure track position in Computer Science at the Assistant Professor rank. Applicants must have their Ph.D. in Computer Science or be ABD by the starting date of August 15, 2003. Applicants must also show potential for excellence in both teaching and research. Research and publication is required for tenure and promotion. Arkansas State University is an Equal Opportunity/Affirmative Action employer, and strongly encourages excellence and diversity in its faculty and staff. For further information consult the departmental web site www.csm.astate.edu.

ILLINOIS INSTITUTE OF TECHNOLOGY
Department of Computer Science

Applications are invited for tenure-track faculty positions in Computer Science beginning Fall 2003. We are interested in all ranks. Candidates from all areas of specialization will be considered. All candidates must have strong commitment to research and teaching at all levels. The departmental goal is to become an internationally recognized, highly ranked department within the next five years. The department offers B.S., M.S., and Ph.D. degrees in Computer Science. Faculty research interests span many areas, with concentrations in computer networking, data-parallel systems, information retrieval and databases, intelligent information systems, medical systems, and software engineering. Our main
campus is located within 10 minutes of downtown Chicago. In addition, we have a campus located along the high technology corridor in Chicago's western suburbs. Applicants should send a detailed curriculum vita, a statement of research and teaching interests, and the names and email addresses of at least four references to:

Computer Science Faculty Search Committee Department of Computer Science Illinois Institute of Technology
10 W. 31st Street Chicago, IL 60616
Phone: 312-567-5152
Email: search@cs.iit.edu
http://www.cs.iit.edu

All positions are subject to approval. Illinois Institute of Technology is an equal opportunity, affirmative action employer.

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) Network Design 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 March 31, 2003, although earlier submission is encouraged. Yale University is an Equal Opportunity/Affirmative Action employer.

SOFTWARE ENGINEER

Must have Masters degree or equivalent in Electronics Engineering, Electrical Engineering or Related. Must have 2 years experience in job offered. Design software system to meet customer requirements. Write code to perform to functional specifications. Develop test plan and test application to insure they meet functional specifications. Debug and document new and existing programs. Design object-oriented models of applications (UML/Object Oriented Design). Develop mail sorting machine applications. Develop Internet based track and trace applications software. Develop database applications for MailCode software business solutions. Create system configuration and report files for knowledge base. Create story-board designs for customized products. Write high level and engineering level requirements for new product lines (MS Word software/Visio flow charting software). Develop test plans and procedures for new products (MS Word software/Visio flow charting software). Develop installations programs for machine applications (Install Shield software). Develop a web based data warehouse that would be used to populate the knowledge base. Develop plans for data extraction, transformation and loading (E.T.L) for populating the data warehouse. Write algorithms to do data analysis on the data generated from Olympus Machines. To work 40 hours per week from 8am to 5pm. Qualified applicants must send resume to Joyce E. Stonecipher, Manager, Human Resources, 1500 Kepner Drive, PO Box 5625, Lafayette, IN 47903.

THE HONG KONG POLYTECHNIC UNIVERSITY

Department of Computing

Associate Professor / Assistant Professor in Computer Graphics / Multimedia Systems / Software Engineering / Networking and Mobile Computing

Applicants should have a PhD degree in Computing or closely related fields, a strong commitment to excellence in teaching and research as well as a good research publication record.

Starting Salary. (Salary offer will be commensurate with qualifications and experience.)

Associate Professor: HK$72,020 per month
Assistant Professor: HK$46,350 per month

Note: US$1 = HK$7.80 as at 14 November 2002

Conditions of Service. Initial appointment will be made on a fixed-term gratuity-bearing contract; re-engagement thereafter is subject to mutual agreement. Fringe benefits include leave, medical and dental schemes, and housing benefits where applicable.

Application. Application forms can be downloaded from the University’s homepage [http://www.polyu.edu.hk]. Application should be submitted via email to hrostaff@polyu.edu.hk, or by mail to Human Resources Office, 13/F, Li Ka Shing Tower, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong. Review of applications will begin as soon as they are received. Applications will be accepted until the positions are filled. Please indicate the Department, post and specialism in your application. Applicants who are not invited to an interview within three months after submission of applications should consider their applications unsuccessful.

Personal Information Collection Statement for recruitment can be found at http://www.polyu.edu.hk/hrd/jobpics.htm.

SEATTLE PACIFIC UNIVERSITY

The Department of Computer Science at Seattle Pacific University invites applications and nominations for a tenure-track opening at the Assistant or Associate Professor level. Candidates in all areas of Computer Science or Computer Engineering are encouraged to apply. Current faculty interests include system software, software engineering, algorithms, and computer architecture.

Applicants should have a Ph.D. in Computer Science, Computer Engineering, or a closely related field and be committed to undergraduate instruction.

The department has 5 full-time faculty members and about 120 undergraduate majors. The department also participates in a Computer Engineering program.

Seattle Pacific University serves more than 3400 undergraduate and graduate students in both liberal arts and professional studies. As a Christian university, we are strongly influenced by the Christian faith with a Wesleyan heritage; our faculty and students represent a broad range of Christian faith traditions. We seek applicants who will enthusiastically embrace our mission. The university is located in a cosmopolitan urban center with rich cultural diversity and is committed to building an excellent and diverse teaching faculty.

Preference will be given to candidates applying before February 3, 2003 although the position will remain open until filled.

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

Faculty Search Committee Department of Computer Science Seattle Pacific University Seattle, Washington 98119
email: cseinfo@spu.edu

The required application is available at:
www.spu.edu/depts/aao/facultyvacanciess.asp

HONG KONG BAPTIST UNIVERSITY

Department of Computer Science Assistant Professor (PR008/2003)

Applicants are expected to possess a relevant PhD degree, and a strong commitment to excellence in research and teaching. Applicants with a good publication record in one of the following major research areas in the Department are preferred: intelligent informatics, networking and multimedia, and pattern recognition. The appointee is expected to be flexible in teaching, and may be required to teach some of the following
Further information: http://www.american.edu. American University is an equal opportunity, affirmative action employer. Applicants should apply online using the University’s online application system. If you cannot access this URL, you may send your materials to:

Faculty Search Committee
Department of Computer Science
Room 224, New Engineering Building
Johns Hopkins University
Baltimore, MD 21218-2694
Fax: 410-516-6134
Phone: 410-516-8577

JOHNS HOPKINS UNIVERSITY

The Department of Computer Science at Johns Hopkins University is seeking applications for a tenure-track faculty position at all ranks and in all fields. We have particular interest in senior level candidates with research and teaching interests in systems, networks, security, algorithmic theory, programming languages, machine learning, artificial intelligence, computer vision, computational biology and bioinformatics. Of highest interest are candidates who will further increase the national and international recognition of our research and teaching programs.

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

Johns Hopkins is a private university well-known for its commitment to academic excellence. Accordingly, Hopkins attracts extremely talented undergraduates and graduate students. The Department of Computer Science is among the first rank of departments at the Hopkins

Terms of Appointment: The appointee will initially be offered a fixed-term contract of three years commencing September 2003. Benefits include contribution by the University to a retirement benefits scheme and/or a gravity payable upon satisfactory completion of contract (totaling up to 15% of basic salary), annual leave, medical & dental benefits for appointee & family and housing allowance where applicable. Re-appointment thereafter is subject to mutual agreement.

Application Procedure: Application, together with updated curriculum vitae, copies of transcripts/testimonials should be sent to the Personnel Office, Hong Kong Baptist University, Kowloon Tong, Hong Kong [Fax: (852) 3411-5001; E-mail: recruit@hkbu.edu.hk]. Application forms can be downloaded from: [http://www.hkbu.edu.hk/-pers]. Applicants are requested to send in samples of publications, preferably three best ones out of their most recent publications. Please quote PR number on the application and any subsequent correspondence. Details of the University’s Personal Information Collection Statement can be found at [http://www.hkbu.edu.hk/-pers/job]. The University reserves the right not to make an appointment for the post advertised, and the appointment will be made according to the terms & conditions then applicable at the time of offer. Closing date: 31 March 2003 (or until the position is filled)

THE AMERICAN UNIVERSITY

Assistant Professor in Multimedia Design and Development

College of Arts and Sciences
Department of Computer Science, Audio Technology, and Physics

The Department of Computer Science, Audio Technology, and Physics invites applications and nominations for a tenure track Assistant Professor in Multimedia Design and Development position beginning Fall semester, 2003, subject to final budgetary approval. The education requirement is a Ph.D. in a technical field such as Computer Science, Electrical or Electronic Engineering, or Physics. Responsibilities include teaching, research, and service: (1) teaching courses in the undergraduate Multimedia Design and Development (MMDD) curriculum with a strong concern for quality education and an interest in mentoring women and minority students, (2) research in the science and technology of multimedia design and development, and (3) service at the departmental and university level, including coordination of the undergraduate MMDD academic program. Ability in teaching audio technology is a plus. Applications must be received by January 31, 2003. Send application letter, curriculum vita, and three reference letters to: Dr. Michael A. Gray, Chair, Department of Computer Science, Audio Technology, and Physics, American University, 4400 Massachusetts Avenue NW, Washington, DC 20016, gray@american.edu, phone: (202) 885-2743, fax: (202) 885-1479. For further information: http://www.american.edu. American University is an equal opportunity, affirmative action employer committed to a diverse faculty, staff, and student body. Women and minorities are strongly encouraged to apply.
construction; expertise in software design; an active, productive research program; articles published in refereed journals in the field of software engineering. Preferred qualifications: 15 or more years of teaching undergraduate and graduate computer science classes; research results presented in national and international conference settings; extensive experience in supervising graduate student thesis work; proven track record of grantsmanship in software engineering.

Ball State University has approximately 18,000 students. The Department of Computer Science has approximately 200 undergraduate majors and 100 M.S. students. Departmental lab facilities include both Microsoft Windows-based machines and Unix-based machines. Visit: www. bsu.edu <http://www.bsu.edu>, and www.cs. bsu.edu <http://www.cs.bsu.edu>. Send letter of application; vita; copies of transcripts; and the names, addresses, and telephone numbers of at least three references to: Dr. PaulBu, Computer Science Search Committee, Department of Computer Science, Ball State University, Muncie, IN 47305. Transmission of materials by email is encouraged: csesearch@cs. bsu.edu <mailto:csesearch@cs.bsu.edu>. Review of applications will begin immediately and will continue until the position is filled. (www.bsu.edu)

Ball State University is an equal opportunity, affirmative action employer and is strongly and actively committed to diversity within its community.

APPLICATION DEVELOPER

Must have Masters in Information Science or Related fields. Must have 3 years of experience in job offered. Evaluate and analyze customer needs for software applications and modifications. Design specifications and prototypes to modify and enhance existing applications using Microsoft SQL Server 2000, ERwin, and PowerDesigner. Develop software products using application development software such as PowerBuilder 7 & 8, Microsoft SQL Server 2000, COQCS, and Visual SourceSafe 6. Test software applications to ensure desired functionality and outcome. Background check required. To work 40 hours per week with overtime required, evenings and weekends. Qualified applicants must send resumes to Gary L. Nead, Vice President, 8003 Castleway Drive, Indianapolis, IN 46250.

THE UNIVERSITY OF TENNESSEE

The Imaging, Robotics, and Intelligent Systems (IRIS) Laboratory at The University of Tennessee: The IRIS Lab invites applicants for multi-year Research Assistant/Associate Professors and Ph.D. Fellowships. The IRIS Lab's emphasis is in the fields of Three-dimensional Imaging, Data Fusion, and Visualization. For 2003, the IRIS Lab is expected to have a staff of 40 and an annual budget over $3 Million. Interested persons should contact: Mongi Abidi, Professor and Associate Department Head, Department of Electrical and Computer Engineering, 328 Farris Hall, Knoxville, TN 37996-2100. Web: http://imaging.utk.edu/opportunities/opportunities.htm. Phone: 865-974-5434, Fax: 865-974-5459, E-Mail: abidi@utk.edu. UTK is an EE/AA/Title VI/Title IX/Section 504/ADA/DEA Employer.

SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

Tenure-Track Position Electrical and Computer Engineering

College of Engineering

The Department of Electrical and Computer Engineering at Southern Illinois University Carbondale invites applications for one tenure-track position, at the rank of Assistant Professor, in the area of Computer Engineering. Candidates should have a Ph.D. in Electrical Engineering, Computer Engineering or related field, and a demonstrated potential for high-quality research and teaching. Individuals currently working toward their Ph.D. degree and expecting to graduate by August 16, 2003 will be considered for interview. Candidates without the Ph.D. at the time of their appointment will be given a term appointment at the rank of Instructor not to exceed one year. Laboratory and computer facilities are excellent. Faculty in the Department of Electrical and Computer Engineering, in addition to teaching undergraduate and graduate courses in computer engineering, are expected to develop successful research programs in their respective areas of interest. The Department provides support and excellent opportunities for the development of new faculty. Applicants should submit a resume, a list of three references and a Statement of Goals to the Chair of the Search Committee, Department of Electrical and Computer Engineering, Southern Illinois University Carbondale, Carbondale, Illinois 62901-6603. Consideration of applications will begin on February 1, 2003 and will continue until position is filled. Effective date of employment is August 16, 2003. Minorities and women are strongly encouraged to apply. SIUC is an equal opportunity/affirmative action employer.

NATIONAL CHIAO TUNG UNIVERSITY

Hsinchu, Taiwan

Department of Computer and Information Science

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

mation technologies. Rank will be commensurate with qualification. Candidates should have a Ph.D. degree and experience 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 B.S/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 March 31, 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
BAYLOR UNIVERSITY

Computer Engineering faculty position at Baylor University: Department of Engineering invites applications for positions in Computer Engineering and other ECE areas (including electronics and biomedical). Please see complete ad in the December 2002 issue or visit our website at ecswww.baylor.edu/ecs/engineering/egr_acad_open.htm for complete position descriptions and application information.

UNIVERSITY OF MASSACHUSETTS DARTMOUTH

Computer Engineering

The Department of Electrical and Computer Engineering at the University of Massachusetts Dartmouth seeks applications for one tenure track position with a start date of September 1, 2003. The department seeks qualified candidates in computer engineering to teach in its undergraduate and graduate programs, obtain external research funding, and advise and support MS and Ph.D. students.

The department has approximately 300 undergraduate and 100 graduate students. It offers ABET accredited BS degrees in Electrical Engineering and Computer Engineering, MS degrees in Electrical Engineering and Computer Engineering, and a Ph.D. degree in Electrical Engineering with an option in Computer Engineering. The department has been experiencing rapid growth in graduate and undergraduate enrollments, especially in computer engineering. Research funding in the department is also expanding rapidly, enhanced by the university's School for Marine Science and Technology and the Advanced Technology and Manufacturing Center, as well as by the proximity to government and industry laboratories near Boston and Providence.

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

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

Applicants are invited to submit a detailed curriculum vitae including names, addresses, and phone numbers of at least three references and a one page statement of goals and plans for teaching and research to: Dr. Howard Michel, Chairperson of CPE Search and Screen Committee, Department of Electrical and Computer Engineering, University of Massachusetts Dartmouth, 285 Old Westport Road, N. Dartmouth, MA 02747-2300. Review of applications will begin on January 31, 2003 and will continue until the position is filled. UMASS Dartmouth is an EEO/AA Employer.

UNIVERSITY OF COLORADO AT COLORADO SPRINGS

The University of Colorado at Colorado Springs seeks a renowned scholar in Computer Science, preferably in the areas of software engineering or computer communications and networks. This position is endowed by El Pomar Foundation, one of the largest private foundations in the west. El Pomar Foundation creates opportunities for Colorado's future through proactive philanthropy and innovative partnerships.

This position offers a unique opportunity for a candidate to have two related leadership roles. Twenty-five percent of the El Pomar Professor's time will be devoted to bringing technical expertise to CITTI, the University affiliated Colorado Institute for Technology Transfer and Implementation. The remaining seventy-five percent of the El Pomar Professor's time will be as a faculty member with the Computer Science Department.

To see a detailed description of the position please go to http://csweb.uccs.edu/positions/elpomarprof.htm

Candidates must have the qualifications, experience, and professional stature appropriate for the academic rank of professor of computer science and a demonstrated commitment to excellence in research and teaching. Applicants should send a letter describing qualifications and experiences, curriculum vita, and contact information for five references. Salary and other support costs are negotiable.

Applications and nominations should be directed to the El Pomar Professor Search Committee, Department of Computer Science, University of Colorado at Colorado Springs, P.O. Box 7150, Colorado Springs, CO 80933. Applications for this position may be sent electronically to a confidential e-mail address, elpomarsearch@cs.uccs.edu.

Applications will be reviewed beginning February 1, 2003 and continue until the position is filled. The University of Colorado is an Affirmative Action/Equal Opportunity employer and encourages a diversity of applicants.

COMPUTER ENGINEER

Develop Visual C++ Windows applications; program in C and 80x86 assembly for support of new and existing real time products; schematic layout and PCB design; electronic and computer circuit design; prototyping and component selection for new products; document designs for production and testing; support of production and manufacturing operations; PAL (Programmable Array Logic) program design and testing; and performing design reviews of hardware and software projects. B.S., Electrical, Electronic or Computer Engineering and one year of experience in job offered or one year of computer technical support experience. Academic background in: C, C++, language, digital signal processing, microprocessor based system design, and database theory. 1 year experience will be acceptable in lieu of academic background in all of the above. Salary: $52,000/yr. Must be authorized to work in the United States. Send resume to: Debbie Abernathy, Alabama Employment Service, P.O. Box 19039, Mobile, AL 36619-0399. Refer to Job Order AL 2013943. E.O.E.

SIMON FRASER UNIVERSITY

The School of Computing Science at Simon Fraser University in Greater Vancouver invites applications for several tenure-track positions at the Assistant Professor level. Outstanding candidates at more senior levels will be considered as well. A Ph.D. in Computing Science or equivalent is required, with a strong commitment to excellence in research and teaching. Candidates at the more senior levels should have a strong record of publication, research funding, and student supervision and instruction. Preference will be given to candidates in systems-oriented areas, human computer interaction or interdisciplinary areas such as bioinformatics. However, the overall innovation and promise of the candidate's work will be considered as important as any specific area.

Simon Fraser University is consistently one of the top-ranked, publicly-funded universities in Canada. The School of Computing Science currently has 150 Ph.D. and M.Sc. students, 700 undergraduate majors, and 40 faculty members. The School is at the outset of a phase of strong growth. As part of the “Doubling the Opportunities” program of the government, both the number of faculty and students shall be significantly increased within the next four years. The School of Computing Science highly encourages interdisciplinary research building upon the strengths of Simon Fraser University.

Simon Fraser University is situated on Burnaby Mountain in Greater Vancouver. Vancouver thrives as a scenic waterfront city located just minutes away from the mountains and a wide range of outdoor activities. It has the mildest climate in Canada. Vancouver's cultural and intellectual pursuits, leisure opportunities, favorable climate, and clean and safe environment are consistently cited as quality of life factors that make it one of the most desirable places in the world to live and work.
In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. Simon Fraser University is committed to employment equity and encourages applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities. Applications will be accepted until the positions are filled. For updated information see www.cs.sfu.ca

To apply, send a curriculum vitae, evidence of research productivity, and the names, addresses and phone numbers of three referees to:

Faculty Search
School of Computing Science
Simon Fraser University
Burnaby, British Columbia
Canada, V5A 1S6
email: faculty-search@cs.sfu.ca

UNIVERSITY OF MARYLAND BALTIMORE COUNTY (UMBC)

The Department of Computer Science and Electrical Engineering (CSEE) of the University of Maryland Baltimore County (UMBC) invites applications for a tenure-track faculty position at the rank of Assistant Professor. Higher ranks may be considered. We are mainly interested in applicants specializing in the following areas:

- VLSI especially mixed signal, ASIC, DSP system implementations, FPGAs, and CAD for deep sub-micron devices and SoC
- VLSI testing
- Computer arithmetic algorithms and implementations including cryptography, on-line/digit-serial arithmetic and related areas
- Computer architectures including reconfigurable computing and polymorphic architectures
- Embedded systems and high speed digital system design

Outstanding candidates in other areas may be considered.

Applications must have, or be about to receive, a Ph.D. in computer science, computer engineering, electrical engineering, or a related discipline. Besides establishing a strong research program in his/her area of interest, the successful candidate is expected to teach both graduate and undergraduate courses. The Department offers B.S., M.S., and Ph.D. degrees and has 44 full-time faculty members (http://www.cs.umbc.edu/people/faculty), and over 300 graduate students. We received over $7M in sponsored research support last year and are planning on significant growth. We will move into a new building for Information Technology and Engineering (http://www.csee.umbc.edu/ITE) in 2003.

Applications, including CV, and a statement of teaching and research interests and goals, can be sent via email to csee-search-tt@csee.umbc.edu or to: Computer Engineering Faculty Search, Department of Computer Science and Electrical Engineering, University of Maryland Baltimore County, 1000 Hilltop Circle, Balti-

more, MD 21250. (phone: 410-455-3500 fax: -3969). Applicants should arrange for three letters of reference to be sent via email or US mail to these addresses. Selection of candidates will start immediately, and will continue until the position is filled.

Further information about UMBC, the CSEE Department and the Computer Engineering program see http://www.umbc.edu/engineering/csee and http://www.csee.umbc.edu/ComputerEngineering. UMBC is an affirmative action/equal opportunity employer.

THE UNIVERSITY OF CALIFORNIA, BERKELEY

THE UNIVERSITY OF CALIFORNIA, BERKELEY invites applications for tenure-track positions in Computer Science at the ASSISTANT PROFESSOR level beginning Fall Semester 2003 (appointment subject to budgetary approval).

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

Interested persons should send an application letter including resume, a one-two page statement of their future research and teaching interests/plans, a select subset of publications, and the names of three references you have asked to send in recommendations. We will not consider applications received after March 1, 2003. However, review of completed applications will begin December 13, 2002.

Recommendation writers should send letters directly to the same address, to:

Professor Yung-Ling Lai, Chair
Department of Computer Science and Computer Sciences
University of California, Berkeley
381 Soda Hall # 1776
Berkeley, CA 94720-1776

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

UNIVERSITY OF NEBRASKA - LINCOLN

Computer Science and Engineering Department

The UNL CSE Department is embarking on dynamic growth and seeks applications for assistant professorships in the following areas:

- Bioinformatics
- Computational sciences
- Computer engineering
- Computer science and engineering education
- Database and information systems
- Distributed systems
- Networks
- Simulation and modeling
- Software engineering

Exceptional candidates in other areas will be considered.

UNL is a comprehensive research university with Carnegie I standing and membership in the elite Association of American Universities. The CSE Department offers BS, MS, and PhD degree programs in both computer science and computer engineering. Lincoln, the capital of
The Department of Computer Science invites applications for tenure-track positions in Computer Science or Information Systems. Outstanding candidates in all areas will be considered. We are especially interested in candidates at the Assistant or Associate Professor level with experience or expertise in graphics, networks, security, or web-enabled systems.

The Department of Computer Science invites applications for tenure-track assistant or associate professor positions to start September 2003. The new hires will join four assistant professor positions to start September 2003. The new hires will join four assistant professor positions to start September 2003. The new hires will join four assistant professor positions to start September 2003. The new hires will join four assistant professor positions to start September 2003. The new hires will join four assistant professor positions to start September 2003. The new hires will join four assistant professor positions to start September 2003.

**UNIVERSITY OF TORONTO**
Department of Computer Science

The Department of Computer Science invites applications for tenure-track and tenured positions at all levels, and in all three campuses of the University of Toronto: St. George (downtown), Scarborough (east) and Mississauga (west). The department is an international leader in Computer Science research and education, and has recently undergone a significant expansion in faculty and research resources. We consider excellence in research and teaching to be of prime importance and we will seek applicants in all areas of computer science. We are, however, especially interested in the following areas: networks, operating systems, mobile and embedded systems, distributed and real-time systems, programming languages, software engineering, and human computer interaction.

Salaries are competitive with our North American peers and will be determined according to the successful applicants' experience and qualifications.

The Greater Toronto area is one of the most vibrant and cosmopolitan in the world. It is also a major centre for advanced technology and the computer industry with which the department enjoys strong interactions.

Applications should include a curriculum vitae, a list of publications, and the names and addresses of at least three references, and may additionally include a research and teaching statement and other supporting documentation. Please send by email (text, postscript or PDF only, please) to faculty-search@cs.toronto.edu or, if that is not possible, by post to Faculty Recruiting Committee Chair Department of Computer Science University of Toronto Toronto, Ontario M5S 3G4 Canada

The deadline for applications is February 28, 2003.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

**UNION COLLEGE**
Computer Science Assistant Professor(s)

Union's Computer Science Department invites applications for two tenure-track assistant professor positions to start September 2003. The new hires will join four full-time faculty and a new department chair.

The John D. Odegard School of Aerospace Sciences at UND in Grand Forks ND, seeks a Scientific Computing Research Associate. Develop, implement, maintain advanced remote sensing lab using geospatial hw/sw, hi-speed networks, & collaborative technologies. Develop interoperable, searchable archive system, perform sys admin; supervise students. Qualifications: BS and 5yrs relevant experience, or MS and 2yrs relevant experience, or PhD required. Degree should be in CS/EE/IT or relevant sci/tech., ideally an earth science. Hands on experience installing and maintaining NT, Windows, LINUX, UNIX and Mac operating systems in a LAN, preferably in a scientific or technical environment. Programming skills/exp. in development and implementation of geo-spatial data acquisition and distribution systems. Skills/exp with hi-performance computing & networks, industry trends, technologies, syst admin (NT, Windows, UNIX, Linux). Soli...
levels. One position is based at the Guelph campus in support of its programs in Computing Science. The other appointment is based at the Humber/Guelph campus in support of its program in Distributed Computing and Communications Systems Technology. Full details are on-line at [www.cs.uoguelph.ca/employment/faculty.html](http://www.cs.uoguelph.ca/employment/faculty.html).

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given higher priority. All appointments are subject to final budgetary approval.

The University of Guelph is committed to an employment equity program that includes special measures to achieve diversity among its faculty and staff. We therefore particularly encourage applications from qualified Aboriginal Canadians, persons with disabilities, members of visible minorities and women.

NORTHERN ARIZONA UNIVERSITY

Northern Arizona University in Flagstaff invites applications for the Dean of the College of Engineering and Technology, an independent unit within NAU with approximately 40 faculty and 1000 undergraduate and masters students. The College offers programs in Civil, Electrical, Environmental, and Mechanical Engineering, Computer Science, and Construction Management. Complete information is available at [http://www.cet.nau.edu](http://www.cet.nau.edu).

Northern Arizona University is an Equal Opportunity/Affirmative Action employer. Women, minorities, individuals with disabilities, and veterans are encouraged to apply. The successful applicant will be committed to working with a diverse student and community population.

Review of applications begins on January 15, 2003 and will continue until the position is filled or closed. Interested parties should send a letter of application, vita and the names/addresses/phone numbers/email addresses of 5 professional references to:

Chair, CET Dean Search Committee
Office of the Provost
Northern Arizona University
NAU Box 4120
Flagstaff, AZ 86011-4120

TEXAS TECH UNIVERSITY

The Department of Computer Science invites applications in all areas of Computer Science for one or more tenure track positions at all levels for the academic year 2002-03. We anticipate having faculty openings at both the main campus in Lubbock, and a satellite graduate campus in Abilene, Texas. Specific areas of need include software engineering, intelligent systems, and theory. Applicants must have a Ph.D. degree in computer science or a closely related field. Faculty are expected to teach existing graduate and undergraduate courses, develop new courses, and contribute to the research mission of the university.

Texas Tech University offers a Ph.D. and an M.S. in Computer Science and an M.S. in Software Engineering. We offer competitive salaries, a friendly and cooperative environment, and excellent research facilities. State-of-the-art two-way video instructional facilities allow the Lubbock and Abilene sites to exchange course offerings and to conduct collaborative faculty and committee meetings. More information on the department is available at [http://www.cs.ttu.edu](http://www.cs.ttu.edu).

Applicants should send curriculum vitae, including a two-page research and teaching statement, and the names of at least three references. Electronic submission of application materials in the form of postscript or PDF is preferred. Electronic submission should be sent to sobol@cs.ttu.edu or hardcopy can be mailed to Dr. Michael Sobolewski, Chair of Faculty Search Committee, Department of Computer Science, Texas Tech University, Box 43104, Lubbock, TX 79409-3104.

Review of applications will begin as soon as they are received. Applications will be accepted until the positions are filled. Candidates must be currently eligible to work in the United States. Texas Tech University is an equal opportunity/affirmative action employer and actively seeks the candidature of women and minorities.

NETWORK DESIGN ENGINEER
(Unisys/Chicago)

Provide tech support at the highest level for large federal government network. Responsibility to design & implement CA/Unicenter s/ware delivery options, CA/Unicenter remote control options, CA/Unicenter asset mgmt options & related programs. Req: bach deg or equiv in electronic or elect engr’g or closely related field. 6 yrs exp in job or 6 yrs exp as a Sys Architect/Network Engr/Consultant/Cust Support Engr. Exp must incl at least 2 yrs of CA/Unicenter familiarization with full array of CA/Unicenter modules. 40 hrs/wk. Salary commensurate w/exp. Send resume to IEEE Computer Society, 10662 Los Vaqueros Circle, Box # COM17, Los Alamitos, CA 90720.

CONSULTANT
(Unisys/Fort Worth)

Requirement analysis, design, development & implementation of Phoenix Warehouse Management System (WMS) to automate order processing & shipping activities for distribution centers for the U.S. General Services Administration (GSA) - Federal Supply Service (FSS). Tools used incl Unix & Windows O/S, PowerBuilder (PFC’s), Sybase, Rand McNally s/w, WASP & PDF417 barcodes s/w, USPS’s AIS (Address Information System s/w). Req.

THE UNIVERSITY OF MEMPHIS

We invite applications for two tenure-track assistant professor positions in Computer Science & Bioinformatics. Review begins Jan. 3, and continues until the positions are filled. The University is an AA/EOE. To apply, details can be found at [http://www.cs.memphis.edu/con](http://www.cs.memphis.edu/con). Send vitae, research & teaching statements, & direct 4 reference letters to dfwilson@memphis.edu.

SYSTEMS ANALYST

Systems Analyst customizes, designs, and analyzes Tivoli systems for IBM requirements. Req: B.S in Comp. Sci. or Engineering plus 3 years experience in UNIX and Tivoli. Foreign degree acceptable. Requires placement at multiple worksites across the U.S. Send resumes to: S.H. at CXC, 132 S. Spokane St., Seattle, WA 98132.

Provide remote h/ware & s/ware sys support & analysis services to resolve product use in multi-product/platform environments. Responsible to answer questions & resolve tech problems relating to enterprise sys, networks & applications s/ware as well as desktop applications. Provide referrals &/or dispatches to other service providers to ensure client service level & tech requirements are met & provide alerts & situation status info to clients & corp mgmt. Req. 3+ yrs substanial completion of bachelors degree or equiv exp info networking mgmt. Must have ability to troubleshoot various operating sys & IT solutions incl different types of network configurations & have strong practical hands on ability in this regard. Must have exp in a HelpDesk environment incl provision of 1st & 2nd level support to users working on multi-product/multi-platform sys in a variety of operating sys & network configurations. 40 hrs/wk. Salary commensurate w/exp. Send resume to IEEE Computer Society, 10662 Los Vaqueros Circle, Box # COM19, Los Alamitos, CA 90720.