CAREER OPPORTUNITIES

INDIANA UNIVERSITY
Computer Science Department
Faculty Positions

The Indiana University Computer Science Department anticipates filling several tenure-track faculty positions beginning 2003-2004. Areas of interest are databases, embedded systems, networking and programming languages. In addition our new, privately endowed, pervasive technology labs will be hiring several senior positions in the areas of graphics, human computer interaction, embedded systems, data mining and security.

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

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

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

Please send a detailed CV and a list of references to:
Faculty Search
Computer Science Department
Indiana University
Lindley Hall 215
Bloomington, IN 47405-7104
email: search@cs.indiana.edu

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

UNIVERSITY OF PENNSYLVANIA
Department of Computer and
Information Science
Lecturer Positions

The University of Pennsylvania invites applications for the position of Lecturer in Computer Science to start July 1, 2003. Lecturer duties include undergraduate and graduate level teaching. The position is for one year and is renewable annually up to three years.

Successful applicants will find Penn to be a stimulating environment conducive to professional growth. The Department of Computer and Information Science is undergoing a major expansion, including new faculty positions and a new building, Levine Hall, with completion this academic year. In fall 2001 we started a new Master of Computer and Information Technology (MCIT). The MCIT is designed for candidates who have a strong academic background in areas other than computer science but who have a need for graduate education in computer science or a closely related discipline. Completion of the MCIT program will give the graduate a solid foundation in computer science, providing the advanced expertise needed to meet the demands of the rapidly growing field of information technology. MCIT graduates will be ready to enter the IT workforce, or will find new opportunities in continuing their education. The MCIT program will also prepare students for further graduate education in computer science.

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

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

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

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

In order to conform to the Age Discrimination in Employment Act and to discourage age discrimination, Computer may reject any advertisement containing any of these phrases or similar ones: “...recent college grad...,” “...1-4 years maximum experience...,” “...up to 5 years experience,” “...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 OHIO STATE UNIVERSITY

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Please send a detailed CV and a list of references to:
Chair, Lecturer Search Committee
Department of Computer Science
Ohio State University
Columbus, OH 43210-1277
e-mail: search@cis.ohio-state.edu

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

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Chair, Lecturer Search Committee
Department of Computer Science
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Columbus, OH 43210-1277
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Chair, Lecturer Search Committee
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Applied Science
University of Pennsylvania
Philadelphia, PA 19104-6389
Applications should be received by March 1, 2003 to be assured full consideration. Applications will be accepted until positions are filled. Questions can be addressed to faculty-search@central.cis.upenn.edu.

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

THE UNIVERSITY OF TEXAS
AT ARLINGTON
Computer Science and Engineering Department

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

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

Applicants must have an earned doctorate in computer science, computer engineering, or closely related fields and a commitment to teaching and scholarly research. Applicants are expected to have an excellent record of professional accomplishments, commensurate with their level of experience. The faculty openings are anticipated for September 2003. Screenings of applications will begin immediately and will continue until all positions are filled. Interested persons should submit a letter of application, a resume, and reference letters online at:

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

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

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

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

INDIANA UNIVERSITY
Computer Science Department
Department Chair Position

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

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

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

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

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

Professors of Computer and Software Engineering and Chair of Software Engineering

Department of Computer Engineering

We are presently seeking candidates to fill several positions of Professor of Computer Engineering and Software Engineering, as well as a prestigious position of Chair of Software Engineering.

In addition to teaching at the undergraduate and graduate levels, successful candidates will work in one of the department's fields of research: software engineering, engineering large software systems, embedded computer systems, networking and mobile computing.

Successful candidates must have a Ph.D. in a related area and the academic background required to become a member of the Ordre des ingénieurs du Québec.

The new Department of Computer Engineering is rapidly expanding and presently includes over a thousand students. Researchers are provided with the necessary space and technical support, a modern computer environment and special funds to help them start up their research projects. For more information, visit the department website at www.gi.polymtl.ca.

Please send your curriculum vitae in French, your academic credentials, the names of three references and reprints of recent papers to:

Pierre N. Robillard, Ph.D., P.Eng., Head
Department of Computer Engineering
Ecole Polytechnique de Montréal
P.O. Box 6079, Succursale Centre-ville
Montréal, Québec   H3C 3A7 Canada
Email: pierre-n.robillard@polymtl.ca

The application review process will begin immediately and will continue until the positions are filled.

According to Canadian immigration requirements, Canadian citizens and permanent residents will be preferred. We are an equal-opportunity employer.

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

WILLIAM AND MARY

Department of Computer Science

Applications are invited for faculty positions in computer science at all levels starting in August 2003. Successful candidates are expected to work in one or more of the following areas: computer architecture, computer networks, computer security, database systems, and software engineering. Candidates must have strong research interests and a commitment to teaching excellence in both computer science and non-major courses in computer-based applications. Applications should be received by March 1, 2003. William and Mary is an Equal Opportunity/Affirmative Action Institution of Higher Education.

DOUGLAS TROEGER, Chair
Department of Computer Science
Williams College
Williamstown, MA 01267

WHEATON COLLEGE

Department of Computer Science

Applications are invited for a full-time tenure-track faculty position in computer science starting in the Fall of 2003. This position requires a commitment to teaching and research. Wheaton College is an Equal Opportunity/Affirmative Action Employer. Applications are invited from candidates who can begin on or before August 15, 2003. The College seeks candidates who will contribute to diversity and inclusiveness. The search committee has identified the following research areas of interest: computer architecture, large-scale distributed systems, operating systems, mobile computing, software engineering. Applicants should submit a letter of application, curriculum vitae, a statement of research and teaching interests, and at least three letters of recommendation. A summary of relevant classes taught and a list of completed publications are also requested. Applications are due no later than April 1, 2003. More information about the College and the Department can be obtained at http://cs.wheatoncollege.edu. Women and minorities are encouraged to apply.

DOUGLAS TROEGER, Chair
Department of Computer Science
Wheaton College
Wheaton, IL 60187

Wayne State University invites applications for faculty positions at the Assistant, Associate, or Full Professor level starting in August 2003. Applications are encouraged from candidates with a Ph.D. in computer science and who have demonstrated excellence in research and teaching. The Department of Computer Science offers B.S., M.S. and Ph.D. degrees. A strong commitment to research and teaching is expected. Wayne State University is an affirmative action/equal opportunity institution. Women and minorities are encouraged to apply.

Douglas Troeger, Chair
Department of Computer Science
Wayne State University
Detroit, MI 48202

Drexel University invites applications for a tenure-track position at the Assistant Professor level starting Fall 2003 in the Department of Computer Engineering and Science. Candidates should have Ph.D. in computer engineering or computer science and hold a strong research interest. A commitment to excellence in teaching is required. Applications are invited from candidates who focus in one or more of the following areas: computer architecture, computer-aided design, computer systems, data-driven programming, embedded systems, high-assurance software, networks, and parallel/distributed systems. Women and minorities are encouraged to apply. To facilitate a more diverse pool of candidates, Drexel University encourages applications from women or minorities. Applicants should submit a letter of interest, research and teaching statements, and the names and contact information of at least three references to: Prof. Kevin D. Kephart, Chair, Computer Engineering and Computer Science Department, Drexel University, 3141 Chestnut Street, Philadelphia, PA 19104. Drexel University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

Kevin Kephart, Chair
Computer Engineering and Computer Science Department
Drexel University
3141 Chestnut Street
Philadelphia, PA 19104

Faculty Openings in Computer Engineering

The City College of the City University of New York

Assistant Professor - Computer Science

The Computer Science Department at The City College of the City University of New York seeks candidates for the position of Assistant Professor at the doctoral level, beginning Fall 2003. Applications are invited from candidates with a Ph.D. in computer science or a closely related field, who can teach educational and professional computing courses and conduct research in the area of computer science. Women and minorities are encouraged to apply. Rank and salary are commensurate with experience and qualifications. The College is an Affirmative Action/Equal Opportunity Employer.

Applications include a letter of interest, a current vita, and three letters of recommendation. The application is available at the following web site: http://www-cs.engr.ccny.cuny.edu/search. Women and minorities are encouraged to apply.

Douglas Troeger, Chair
Department of Computer Science
The City College of the City University of New York
138th Street, NY, NY 10031
AA/EOE/ADA/IRCA

Would you like to lead a World Class Institute...

The LNMIIT Foundation with the support of the Government of Rajasthan is setting up a center of Excellence - The LNMIIT Institute of Information Technology in Jaipur. For the prestigious Institute we wish to appoint a Director and some core faculty members. The institute will cover courses in Information Technology and other specialized areas like Micro Electronics, (VLSI), Communications, Digital Signal Processing, Bioinformatics, GIS and other emerging disciplines. The Institute will commence its operation from the academic year 2003-2004.

DIRECTOR

The Director shall be the principal academic and executive officer of the Institute and would be required to build an institution of world class from the beginning for which he/she will have full autonomy. Application should be academics with strong administrative abilities.

PROFESSORS AND ASSISTANT PROFESSORS

The Institute wishes to recruit senior academicians of various levels to be the part of the senior core faculty. They should be subject matter experts and should currently be working in senior academic positions.

The remuneration for these positions would be structured in a manner so as to attract the best professionals.

Please apply within 15 days in confidence to Shri Ravi Mathur, Secretary, Technical Education, Government of Rajasthan, Room No. 42, Food Building, Secretariat, Jaipur - 302005, Rajasthan.
Responsibilities include research, graduate student supervision, and graduate and undergraduate teaching. In addition, successful applicants will be expected to participate in departmental, college, and university service activities.

Applicants should have a Ph.D. in computer science, software engineering, or a closely related field; however, applicants that are ABD may apply if they reasonably expect to complete the terminal degree prior to January 2004. The following are preferred research areas: simulation, computer and communication networks, wireless engineering, information assurance and security, real-time and embedded systems, operating systems, human–computer interaction, database systems, programming languages, and software engineering; however, all areas of computer science and software engineering will be considered. The candidate selected for this position must be able to meet the eligibility requirements for work in the United States.

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

The CSSE Department currently has 17 full-time faculty members and supports strong graduate (M.S., M.Sw.E., Ph.D.) and undergraduate programs (B.S., B.Sw.E.) in computer science and software engineering. Beginning in Fall 2002, CSSE, jointly with Electrical and Computer Engineering, began offering a new undergraduate degree program in wireless engineering (B.W.E.). CSSE enrollment for Fall 2002 is approximately 600 undergraduate and 100 graduate students. Faculty research areas include software engineering, computer and communication networks, human–computer interaction, pervasive computing, artificial intelligence, and database systems. Additional information about the Department and faculty research interests can be found at the Department’s home page (http://www.eng.auburn.edu/csse).

Auburn University was chartered in 1856, and is the largest university in the State of Alabama, with a student enrollment of over 22,000 and 1,125 faculty. Auburn is located 100 miles southwest of Atlanta and 50 miles northeast of Montgomery, the State Capitol. Auburn offers nearly 150 baccalaureate degree programs in 64 academic departments. The Graduate School provides master’s level programs in 130 areas and doctoral programs in 96 fields. The College of Engineering has an enrollment of 3,100 undergraduates and 500 graduate students in eight departments. The picturesque main campus covers 1,875 acres, and includes the entire southwest quadrant of the city of Auburn. The Auburn–Opelika community has a population of about 70,000, an excellent public school system, and has been nationally ranked as one of the “best small towns in America”.

Applicants should submit a current curriculum vitae, research vision, teaching philosophy, and the names and addresses of three references to:

James H. Cross II, Professor and Chair Computer Science and Software Engineering 107 Dunstan Hall Auburn University, AL 36849-5347 cross@eng.auburn.edu (with copy to sheriev@eng.auburn.edu) 334-844-6300 (Voice) 334-844-6329 (Fax) http://www.eng.auburn.edu/csse/
The applicant review process will begin in January 2003 and continue until successful candidates have been identified.

Auburn University is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF TORONTO
Department of Computer Science Lecturer
The Department of Computer Science at the University of Toronto seeks enth-

CHAIR - DEPARTMENT OF COMPUTING
College of Engineering
Emory-Riddle Aeronautical University
Applications and nominations are invited for the position of chair of the department of computing, College of Engineering, Embry-Riddle Aeronautical University, Daytona Beach, Florida. The position begins on or before August 15, 2003.

Candidates should have a Ph.D. in computer engineering, software engineering, or a closely related field, and an established scholarly and academic record appropriate to a tenured faculty member. They must also have experience in academic administrative activities. The duties and responsibilities of this position include assistance to the college dean, management of the department, students recruitment and retention, preparation and delivery of quality course instruction, and facilitation of the professional development of the department faculty.

We seek a chair that will serve as a motivator and a visionary. The ideal candidate should be committed to teamwork, meaningful performance planning, and strategic planning. He/she should be committed to quality teaching, research and service. The department offers undergraduate degrees in computer engineering and software engineering, a master of software engineering degree, and minors in computer science and information technology. It has 13 faculty members, and has an established strategic plan that involves a growing research program. For more information about the department, refer to http://computing.db.erau.edu/computing.

Emory-Riddle Aeronautical University is a private comprehensive university with residential campuses at Daytona Beach, FL, and Prescott, AZ. At the Daytona Beach campus, we enroll about 4500 undergraduate and about 250 graduate students in a variety of programs, all related to aerospace and aviation education. The College of Engineering comprises programs in aerospace engineering, civil engineering, computer engineering, software engineering and engineering technology. For further information, see http://www.erau.edu.

Applications should include curriculum vitae, statement of professional accomplishments, a short statement detailing the applicant’s vision for the future, and a list of three references with phone numbers and e-mail addresses, and may be sent by e-mail, fax, or postal mail to:

Emory-Riddle Aeronautical University
Human Resources
Chair, Department of Computing Search Committee
600 S. Clyde Morris Blvd.
Daytona Beach, FL 32114-3900
e-mail: jacobska@erau.edu
fax: (386) 323-5060
www.erau.edu

Embry-Riddle Aeronautical University is an Equal Opportunity Employer.
Associate Director
Institute for Information Infrastructure Protection

Responsible for managing a consortium of 22 academic and not-for-profit research centers called the "Institute for Information Infrastructure Protection (I3P)," for which the Institute for Security Technology Studies at Dartmouth provides management and strategic direction. The initial mission of the I3P is to formulate an R&D agenda for cyber security and information infrastructure protection, working closely with experts from industry, government, and academia. As funding becomes available, the I3P will become a research funding organization, performing internal research and soliciting and selecting external research proposals that address national priorities in cyber security. In addition, the I3P will increase the sharing of R&D information and foster collaborative research among consortium members and the research community at large. The I3P is derived from a presidential initiative and funded by Congress, and is an important element of America's cyber security R&D efforts. Information on the I3P can be found at www.thei3p.org. Additional information on the position is available at: http://www.dartmouth.edu/admin.

Submit resume and cover letter to: Deborah Doscinski, Search Coordinator, Institute for Security Technology Studies, Dartmouth College, 45 Lyme Road, Suite 300, Hanover, NH 03755. E-mail: ddoscinski@ists.dartmouth.edu

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

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 Professorships 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 Ferris Hall, Knoxville, TN 37996-2100. Web: http://imaging.utk.edu/opportunities/opportunities.htm, Phone: 865-974-5454, Fax: 865-974-5459, E-Mail: abidi@utk.edu. UTK is an EE/AA/Title VI/Title IX/Section 504/ADA/ADEA Employer.

McMaster University Faculty Positions

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

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

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

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. McMaster is strongly committed to employment equity within its community, and to recruiting a diverse faculty and staff. The University encourages applications from all qualified candidates, including women, members of visible minorities, Aboriginal persons, members of sexual minorities, and persons with disabilities. Rank and salary are commensurate with qualifications and experience.

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

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

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

February 2003
system, who have knowledge and experience of RTOS (like Nucleus or MicroItron), or of mobile protocol (like GSM, 3G, CDMA), or of CPU (like ARM) and RF. English fluent and Japanese literate, workable in Japan.

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

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

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, url and names of three or more references to:
Professor John E. Laird, Assoc. Chair,
CSE Division
Department of Electrical Engineering and Computer Science
University of Michigan
1301 Beal Avenue, Room 3402
Ann Arbor, MI 48109-2122
URL: http://www.eecs.umich.edu/cse
You may submit applications and inquiries via email to csesearch@eecs.umich.edu

PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE
Faculty Position

The Department of Computer Science at the College of Engineering of the Pontificia Universidad Católica de Chile is looking for a full time professor in the area of computer science. Being one of the leading academic institutions in Chile, we offer competitive salaries for Latin America and a comfortable working environment. We are seeking strong candidates to continue a long tradition of excellence in education and research in Chile. Please contact us at vacanteDEC@ing.puc.cl for further information. PhD required. Spanish recommended.

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- to 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 application will begin December 13, 2002.

Recommendation writers should send letters directly to the same address, to arrive before January 1, 2003 if possible. Reference letters will NOT be requested directly by the department.

Send applications to:
CS Faculty Search Committee
c/o Debra Zaller, CS Academic Personnel Department of Electrical Engineering and Computer Sciences
The 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 TORONTO
Department of Computer Science

The Department of Computer Science invites applications for several 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 Tennessee 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.

UNIVERSITY OF TENNESSEE, KNOXVILLE
Faculty Positions

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

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

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

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

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

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

UNIVERSITY OF FREIBURG

The Department of Computer Science in the Faculty for Applied Sciences at the University of Freiburg, Germany is seeking to fill two faculty positions: Full Professor in Computer Science (C4) Software Engineering

The successful candidate will be expected to establish a comprehensive research and teaching program in the area of software engineering. Professor in Computer Science (C3) Computer Graphics

The successful candidate will be expected to establish a comprehensive research and teaching program in the area of computer graphics.

The University of Freiburg actively supports the advancement of women in academics and thus specifically encourages women to apply for these positions. It should be noted that, whereas the position is tenure-track, a first appointment as a professor in Germany is non-tenured. Interested candidates are invited to send an application, including a CV, publication list, copy of one representative publication and a statement of their research interests, by March 20th, 2003 to: The Dean of the Faculty of Applied Sciences, University of Freiburg, Georges-Koehler-Allee 101, 79110 Freiburg, Germany (www.fav.uni-freiburg.de).

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

The Electrical & Computer Engineering Department at the University of California, Santa Barbara invites applications and nominations for a tenure-track opening in the field of Computer Engineering with an effective appointment date of July 1, 2003.

Applicants with a wide range of interests in Computer Engineering are encouraged to apply, including but not limited to: real-time embedded systems; processor, network and switch engineering; adaptable and reconfiguration systems; fault tolerance; system and circuit design; computer-aided design and verification; semiconductor and device modeling; failure and yield modeling and analysis; computer system development and hardware/software integration.

The Computer Engineering Program places a strong emphasis on teaching, applied and basic research, and interdisciplinary research programs. Completion of a doctorate is required at the time of appointment. Applications consisting of a curriculum vita, and the names and addresses of at least four professional references should be sent to: Computer Engineering Search Committee, Electrical & Computer Engineering, Engineering 1, Room #4157, University of California, Santa Barbara, CA 93106-9560. Please submit your application materials without delay. Consideration of your application materials will begin immediately and will continue until the position is filled. UCSB is an equal opportunity, affirmative action employer.

THE UNIVERSITY OF TENNESSEE
AT CHATTANOOGA
Dean of the College of Engineering and Computer Science

The University of Tennessee at Chattanooga invites applications and nominations for the position of Dean of The College of Engineering and Computer Science. Candidates should have a terminal degree in engineering, computer science, or a closely related discipline; a successful record as a tenured professor and scholar; and significant administrative experience in higher education. Preference will be given to those candidates who have demonstrated ability to successfully manage academic professionals, secure external support, communicate effectively, and develop a committed and diverse faculty and student body. Executive-level management experience in business or industry will be considered an added value.

The Position. The Dean of the College of Engineering and Computer Science reports directly to the Provost and Vice Chancellor for Academic Affairs. The Dean is responsible for administering and providing leadership for all aspects of the College with particular emphasis on building enrollment, relocating the College to its new building, fundraising, strengthening ties with industry, implementing the first doctoral program, developing externally funded research, and preparing for an ABET visit in Fall 2003.

The College of Engineering and Computer Science. The College is responsible for undergraduate and graduate degree programs in engineering, engineering management, industrial technology management, and computer science. The B. S. Engineering and Computer Science programs are accredited by ABET. The College houses the UT SIMCenter at Chattanooga.

The University of Tennessee at Chattanooga and the City. UTC is an engaged metropolitan university, a primary campus of the University of Tennessee, with an enrollment of 8500. The University’s private endowment of over $100 million is dedicated to enhancing academic excellence and helps set UTC apart from otherwise comparable institutions. With its scenic beauty, stable population and economy, civic vitality and cross-sector partnerships and strategic location, Chat-
Arizona State University
Tenure Track Engineering Faculty Position in Movement Analysis

The College of Engineering and Applied Sciences (CEAS) (http://www.eas.asu.edu/CEAS) and the Herberger College of Fine Arts (HCFHA) (http://herbergercollege.asu.edu) at Arizona State University are announcing an opening for a tenure track assistant professor in motion analysis. The tenure home will be the Electrical Engineering or Computer Science and Engineering Department of CEAS, depending on the qualifications and background of the successful candidate. The research home of the candidate will be the newly formed Center for Interdisciplinary Research in Media Arts and Engineering (CIRMAE) (a joint CEAS/HCFHA center).

The goal of CIRMAE is to facilitate the parallel, integrated development of media hardware, software, content and theory. CIRMAE is housed at the internationally known Institute for Studies in the Arts (ISA). Facilities include a real time motion capturing studio with a sprung floor and multimodal feedback capabilities (graphics, video, sound, lights), a black box mediated theater, video editing facilities, digital sound studio, digital arts gallery, mediated classrooms, and computing facilities. CIRMAE is involved in interdisciplinary ground breaking research in movement and dance analysis. The movement research group includes engineering, bio-

University of Maryland
Institute for Advanced Computer Studies

The University of Maryland, College Park, invites applications for the position of Director of the Institute for Advanced Computer Studies (UMIACS). The Institute is the locus of interdisciplinary research in computing across the College Park campus, with 75 affiliated faculty members and a total research budget of approximately $20M/year. The Director will play a leadership role in developing and implementing a vision for the Institute, in close collaboration with other units on campus. The Institute's faculty currently lead major research programs in scientific computing, computer vision and graphics, parallel and distributed computing, computational linguistics, information visualization, multimedia and internet computing, human computer interaction, data bases, and software engineering. Candidates for this position must have an established international reputation in computer science with a broad outlook concerning the interaction of computer science with other academic disciplines. The Director will be an outstanding scientist who will play a leadership role in continuing to develop and implement a vision for the Institute as a premier interdisciplinary research unit on campus with high national visibility, and in fostering partnerships with the private sector. The campus is already pre-eminent in computer science and candidates are expected to build on this expertise through new faculty appointments and innovative leadership to enhance the campus reputation in computer science and aligned fields. The appointment will be made at the Full Professor level and carries academic tenure.

University of Alberta

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

The Department currently has 47 faculty members and will be expanding over the next 2 years. The Department has approximately 240 undergraduates in Computer Engineering and 300 graduate students in the Department. Two new buildings with a total area of 15,000 m²
(135,000 sq ft), serve the current teaching and research needs of the Department. More information regarding Department programs, faculty and facilities can be found at http://www.ee.ualberta.ca.

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

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

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

The application review process will begin on March 15, 2003 and will continue until the positions have been filled. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. If suitable Canadian citizens or permanent residents cannot be found, other individuals will be considered. The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities and Aboriginal persons.

VIRGINIA TECH
Software Engineering
Faculty Position

Virginia Tech’s Department of Computer Science seeks applicants for a tenure-track appointment at the rank of Assistant Professor to start in August 2003 at the Northern Virginia Center (NVC) in Falls Church, Virginia. Exceptional candidates at more senior levels may also be considered. The Computer Science graduate program at NVC provides education leading to the Master/Ph.D. of Computer Science, complementing the graduate and undergraduate programs in Blacksburg, Virginia. With Systems and Software Engineering, E-Commerce/E-Government, and Distributed Virtual Environment research labs, our 7 full-time faculty at NVC have fertile research environments that build upon the Blacksburg-based faculty and form the department of Computer Science at Virginia Tech. Strategically located in suburban Washington, DC – home to thousands of high-tech firms, government and research funding agencies – Software Engineering faculty candidates will conduct relevant research with talented students and help shape our interdisciplinary education program that serves tomorrow’s technology leaders. NVC is located in Fairfax County, considered one of the best public school education systems in the nation, and offers a wonderful quality of life for families and singles.

Applicants must have Ph.D. in computer science or closely related discipline; teaching and research experience; expertise in two or more of the following areas – information technology, computer networks, e-commerce, bioinformatics, visualization, GIS, client server, computer and network security, computer graphics, parallel and distributed computing.

• Will teach and advise undergraduate computer science students, teach and advise students in the master’s degree program in computer science and information technology, cultivate and pursue funding from external sources, conduct research involving faculty and students, assist in curriculum development, conduct seminars, and serve on committees.

Please send letter of application, vita, three letters of reference, and official transcripts of all graduate and undergraduate work to:

Computer Science Search
Dr. Aaron Horne, Dean
College of Arts and Sciences
CB 19335
Winston-Salem, NC 27110
Application deadline: March 15, 2003
Starting date: August 2003

Winston-Salem State University is an Equal Opportunity Employer and accommodates individuals with disabilities. Proper documentation of identity and employability is required at the time of employment.

WINSTON-SALEM STATE UNIVERSITY

Winston-Salem State University is seeking applicants for the the Paul Fulton/Delta Sigma Theta Distinguished Professor of Computer Science.

• Nine-month, tenure-track position;
• Requirements include Ph.D. in computer science, computer engineering or related discipline; teaching and research experience; expertise in two or more of the following areas – information technology, computer networks, e-commerce, bioinformatics, visualization, GIS, client server, computer and network security, computer graphics, parallel and distributed computing.

Please send resume to: IEEE Computer Society, 10662 Los Vaqueros Circle, Box #COM21, Las Alamitos, CA 90720.