**INDIANA UNIVERSITY**

**Faculty Positions**

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

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

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

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

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

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

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

**PURDUE UNIVERSITY**

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

Send a resumé, including a statement of research and teaching interests and a list of at least three references, to: Head, School of Electrical and Computer Engineering, Purdue University, 1285 EE Building, West Lafayette, IN 47907-1285. Applications will be considered as they are received. Purdue University is an Equal Opportunity/Affirmative Action employer.

**NORTHERN ARIZONA UNIVERSITY**

The Department of Computer Science and Engineering at Northern Arizona University invites applications for one tenure-track faculty position at the assistant professor rank beginning August 2002. Applicants should possess an earned doctorate in computer science or related field, and be able to teach software courses. Candidates specializing in computer networks or software engineering will be given preference, but other specialties are also strongly encouraged to apply.

Please submit a letter of interest and vita to: Dr. Eck Doerry, CSE Search Committee Chair, College of Engineering and Technology, PO Box 15600, Flagstaff, AZ 86011-5600. Screening will begin 2/15/2002. NAU is an Equal Opportunity, Affirmative Action employer. We are committed to a diverse faculty and seek individuals with commitment to both teaching and working in diverse communities. Minorities, women, persons with disabilities and veterans are strongly encouraged to apply. See http://www.cet.nau.edu/ for more information.

**UNIVERSITY of PENNSYLVANIA**

**Department of Computer and Information Science**

**LECTURER POSITIONS**

The University of Pennsylvania invites applicants for the position of Lecturer in Computer Science to start July 1, 2002. Lecturer duties include undergraduate and graduate level teaching. The position is for one year and is renewable annually up to three years.

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

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

To apply, please complete the form located on the Faculty Recruitment Web Site at:

http://www.cis.upenn.edu/positions/faculty_application.html

Electronic applications are strongly preferred, but hard-copy applications (including the names of at least four references) may alternatively be sent to:

Chair, Lecturer Search Committee
Department of Computer and Information Science
School of Engineering and Applied Science
University of Pennsylvania
Philadelphia, PA 19104-6389

Applications should be received by March 1, 2002 to be assured full consideration. Applications will be accepted until positions are filled. Questions can be addressed to faculty-search@central.cis.upenn.edu.

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

**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 posi-
tions at all levels to start in Fall 2002. 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, and a publication record in their area and show potential for obtaining external research funding. Applicants for a senior position should demonstrate a strong record of external funding and significant impact in their field.

Wayne State University, located in Detroit’s Cultural Center, is a comprehensive (Carnegie I) urban research university serving 33,000 students. The University has made a strong commitment to information technology and academic computing.

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 Department maintains active collaborative relationships with the Institute for Scientific Computing, Institute for Manufacturing Research, Smart Sensor Program, Life Science Corridor initiative and many other centers and departments within the university, which provide research opportunities in computer science.

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 the 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
1-313-577-3107 (voice)
1-313-577-6868 (fax)
fotouhi@cs.wayne.edu

Applications will be accepted until the positions are filled.

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

UNIVERSITY OF CALIFORNIA, LOS ANGELES
Department of Computer Science

The Department of Computer Science in the Henry Samueli School of Engineering and Applied Science at the University of California, Los Angeles, invites applications for a full-time lecturer position to develop, teach and supervise courses in the area of software systems. Specific areas include software engineering, programming languages, compilers and operating systems.

Applicants should have a strong commitment to teaching, experience at the university level, and knowledge of current undergraduate Computer Science and Computer Engineering curricula. A Ph.D. in computer science or computer engineering is recommended. Selection criteria will include breadth of knowledge of the subject area and a track record of teaching effectiveness.

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

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

UNIVERSITY OF NOTRE DAME
Faculty Positions in Computer Science and Engineering

The Department of Computer Science and Engineering at the University of Notre Dame (http://www.cse.nd.edu) invites applications for tenure-track faculty positions. Ranks and areas of research specialty are open. Qualifications include an earned
The Department of Information Technology at AUD has openings for full-time Assistant or Associate Professor positions in Information Technology, available for occupation by September 2002. Appointments are normally limited to 3 years, and can be renewed upon the agreement of both parties.

The Department’s teaching activities in Information Technology lie within the focus area of Information Technology in AUD’s Strategic Plan and relate to both the hardware and software aspects of IT. The teaching and research areas, which the department particularly wishes to strengthen via these posts, are:

- Intelligent networking infrastructure design, development and implementation.
- Data storage and warehousing, distributed intelligent search and data mining.

Applicants must be able to deliver courses and document research qualifications at an international level within at least one of the above areas.

The department wishes to exploit these posts to extend its commitment to teaching application skills to IT students in programming and web development; network management and administration; and database design and management; applicants must be willing to develop teaching activities for this purpose.

Applicants must have qualifications corresponding to Ph.D. level in Computer Science, Computer Engineering, Information technology, or a related field. They must also be able to demonstrate teaching and research experience in the appropriate field. Applicants must be able to teach IT courses at both undergraduate and graduate levels, and must include a description of their previous teaching experience in their application.

Not only will you enjoy the unique opportunities that our location provides, you will receive competitive tax-exempt basic salary, housing, annual two-way airfare, contributory private health/life insurance, professional memberships, conference attendance expenses, assistance with children’s tuition, and other components. Applications will be received and evaluated until the positions are filled. Candidates must send an up-to-date CV with the names and addresses of at least five referees (preferably academics), to the attention of:

Dr. Lance de Masi, President and Chief Academic Officer,
The American University in Dubai
P.O. Box 28282, Dubai, UAE. Fax: +971 4 3998899.
E-mail: ldemasi@aud.edu
www.aud.edu www.aiauniv.edu

Applicants under consideration will be contacted for a follow-up interview.

The American University in Dubai is accredited by the Commission on Colleges (COC) of the Southern Association of Colleges and Schools (1866 South Lane, Decatur, Georgia 30033-4097, USA; Tel: 1-404-679-4501) to award Associate, Bachelor and Master degrees. The University is licensed by the DC Education Licensure Commission and the State of Georgia Nonpublic Postsecondary Education Commission (NPEC). The DC Education Licensure Commission is located at 941 North Capitol Street NE, Washington, DC and NPEC at 2189 Northlake Parkway, Building 10, Suite 100, Tucker, Georgia 30084-4113.

Ph.D. in computer science, computer engineering, or a related field, evidence of the ability to develop and/or sustain an active research program, and a sincere interest in quality teaching at the undergraduate and graduate levels. Appointments to chaired professorships may be available for exceptionally qualified candidates.

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

Screening of applications will begin on December 1, 2001 and continue until the positions are filled. Applicants should send a cover letter, a curriculum vita, a statement of research interests, a statement of teaching interests, and the names and addresses of at least three references qualified to comment on the applicant’s qualifications 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, USA

DORDT COLLEGE
Computer Science Faculty Position

Beginning August 2002. Generalist; computer networking background. Ph.D. in computer science preferred. Qualified persons committed to a Reformed, biblical perspective and educational philosophy are encouraged to send an e-mail/letter of inquiry and a curriculum vitae/resume to: Dr. Rockne McCarthy, Vice President for Academic Affairs, Dordt College, 498 4th Avenue NE, Sioux Center, IA 51250-1697, Fax: 712 722-4496, E-mail: vpaa@dordt.edu; Web site: www.dordt.edu/offices/acadaff.

VISUALIZATION RESEARCH SCIENTISTS

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

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

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

UNIVERSITY OF DORTMUND
Department of Computer Science
Endowed Professorship

The Department of Computer Science of the University of Dortmund (http://www.cs.uni-dortmund.de) invites applications for a tenured position at the full professor level (C4). The candidate is expected to establish a research program in the area of modeling and simulation of computer and communication systems. The professorship is well endowed. Candidates must have an outstanding research record and a commitment to excellence in teaching.

With 22 tenured faculty members, more than 120 additional teaching and research staff and more than 3500 CS majors at both the undergraduate and graduate level, the department is one Germany's largest computer science departments. The broad range of the research topics pursued provides a stimulating environment for collaboration. Cooperation with companies in Germany's most successful technology park located in the immediate vicinity of the campus as well as with ICD (Informatik Center Dortmund, an associated technology transfer institute) facilitate the transfer of research results into industry.

The successful candidate is expected to teach at the graduate and undergraduate level in currently three study programs (Computer Science, Applied Computer Science and Computer Science Education) and to participate in the academic self-administration of the university.

The department aims at strengthening its international orientation and therefore requests teaching competence in English (German language skills are advantageous, but initially not required).

The University of Dortmund is an equal opportunity employer and encourages applications from minorities and women. Qualified handicapped persons are actively encouraged to apply.

The competitive salary follows the C4 scale of the German Civil Service Payment Scheme. For further details and enquiries please contact the head of the department, Prof. Dr. Thomas Herrmann (phone: +49 231 755 2121 or e-mail: dekan.cs@udo.edu)

Applications should be addressed to:

Dekanat Informatik, Universität Dortmund, D-44221 Dortmund, Germany
Closing date: March 31st, 2002

KING SAUD UNIVERSITY
Faculty Positions available Sept 2002.
Applications are invited for faculty positions at all levels with King Saud University (KSU), starting September 1, 2002.

Applicants interested in teaching in the field of Computer Science should kindly send their C.V.s and names of three references to Dr. Rasheed Zahran, Chair of Information Systems (IS) Dept, King Saud University; P.O Box 51178; College of Computer and Information Sciences, Riyadh, Saudi Arabia 11543. Telephone: (966)(1) 467-6606 Fax: (966)(1) 467-5423 E-mail: ashrafyouseff@ccis.ksu.edu.sa

MARKETING ALTERNATIVES INC.
Marketing Alternatives Inc. is seeking qualified individuals for its Taylorville, IL facility: 1.) VP-INFORMATION SERVICES. Candidate will supervise team to program,

2.) PROGRAMMER: Will write computer code using the following: Visual Basic, VC++, C++, Java, VBScript, SQL Server, Oracle, and Access, ASP & JSP Programming, XML Programming, and VB.NET, Dreamweaver, Photoshop and Flash. Fax resumes and cover letters to Dave Russler at (847) 306-8199.

PROGRAMMER ANALYST

BA (or equiv) in Computer Science or related field. Send ad w/resume to: Celetron, 2125-B Madera Rd., Simi Valley, CA 93065.

RAND TECHNOLOGIES

Rand Technologies is seeking a Systems Engineer/team leader for its Atlanta, GA location. Candidate will lead team of systems engineers to configure and install IBM and Unix operating systems, hardware, applications, diagnose and solve customer problems on site, as well as demonstrate and support of company products. Will also lead team of system engineers certified in H.P. OpenView and H.P. 9000 enterprise work stations and servers, who will use knowledge of the following servers and software: H.P. 9000 Net Server, Compaq A.C. series, IBM Intetestation, and SGI. Indigo2, H.P. OpenView, and Pro/Engineering, to configure, install and provide on site troubleshooting support of enterprise level workstations and networks. Applicants must have proof of legal authority to work in the U.S. To apply, please email a resume and cover letter referencing this ad to: Cristil Pellizzari, Human Resources, Recruiter, hr@rand.com.

ETH ZURICH

Assistant Professor in Software Component Technology

The new professor is responsible for research and teaching in advanced software technologies involving reuse, component-based development, object technology, and practical applications of formal approaches. Assistant professors have the opportunity of performing independent research in an attractive environment and with their own research group. The initial appointment will be for three years with a possible extension of an additional three years. The position is tenurable: an assistant professor is evaluated periodically and if the case has enough merits, the conversion to a tenured position can be proposed. ETH has one of the foremost computer science departments in Europe with a prestigious tradition of research and system development in the fields of programming language, software engineering and component development.

All professors are expected to participate in teaching introductory computer science courses. For this position, participation is expected in the work around "trusted component-based object technology, taking place in the Chair of Software Engineering (Prof. Bertrand Meyer) with a view towards establishing a Center for Component Certification.

The successful applicant will have an outstanding research and teaching record, with contributions in fields such as object technology, component-based development, software design methodology, software development tools. Experience with the practical applications of formal approaches to software development is also important. Industry experience, or more generally experience developing large software systems, is a plus.

Applications including a curriculum vitae, list of publications, the names of at least three references, and a short overview of the research interests should be sent to the President of ETH Zurich, Prof. Dr. O. Kübler, ETH Zentrum, CH-8092 Zurich no later than April 30, 2002. The ETHZ specifically encourages female candidates to apply with a view towards increasing the proportion of female professors.

General information on the Department of Computer Science of ETH Zurich is available at http://www.inf.ethz.ch. Questions referring to this open position can be addressed to Prof. Dr. H.-J. Schek, Head, Department of Computer Science, ETH Zentrum, CH-8092 Zurich (e-mail: schek@inf.ethz.ch).

PURDUE UNIVERSITY CALUMET

The Department of Mathematics, Computer Science, and Statistics at Purdue University Calumet in Hammond, Indiana, is searching for an Assistant Professor of Computer Science to begin August 2002. See http://www.calumet.purdue.edu/public/math/math.html for more information on the position, including application procedures. Review of applications will begin immediately and will continue until position is filled.

Purdue University Calumet is an Equal Opportunity/Affirmative Action employer.

UNIVERSITY OF CENTRAL FLORIDA

NSF IGERT Fellowships in Optical Communications and Networking

The Future is Optical! The School of Optics/CREOL at the University of Central Florida invites applications for the prestigious National Science Foundation Integrative Graduate Education Research and Training fellowships starting Fall 2002. Perspective candidates must 1) be US citizens or permanent residents, 2) have a BS or MS degree in Computer Science or Engineering, 3) be committed to pursue a Ph.D. degree in optical communications and networking. The fellowships include 100% tuition, a yearly stipend up to $25,000 through the Ph.D. program, and a yearly travel allowance for attending conferences.

Candidates should apply on-line at http://www.creol.ucf.edu/igert. Please contact Dr. Guifang Li (gli@mail.ucf.edu) for information regarding the IGERT program.

Other Computer Science and Engineering fellowships are available to both US and international applicants. Please check on-line at http://www.cs.ucf.edu for further information.

WESTERN MICHIGAN UNIVERSITY

Chair-Computer Science

Department offers BS, MS and PhD degrees in Computer Science. There are two undergraduate major options including the Theory and Analysis program that is accredited by CSAB. Department resides in the College of Engineering and Applied Sciences. For more information about the Department of Computer Science, please visit www.cs.wmich.edu and for more information about the College of Engineering and Applied Sciences, please visit www.engr.wmich.edu. Earned doctorate in computer science or a closely related discipline required as well as a distinguished record of professional accomplishments sufficient to qualify as a professor with tenure in the department. Must have excellent interpersonal skills and have a clear vision of how a computer science department at a major university should be positioned for excellence in light of the computing and software issues and industries in the global environment. Administrative or supervisory experience preferred. Nominations or applications, with a vision statement, vita, and names of three references, should be addressed to Dr. Edmund Tsang, Chair, Computer Science Search Committee, Western Michigan University, College of Engineering and Applied Sciences, 2022 Kohrman Hall, Kalamazoo, MI 49008-5314. Review of applications will begin April 15, 2002 and will continue until the position is filled. WMU is an equal opportunity employer. In addition, it has embarked upon a vigorous affirmative action program and encourages the application of qualified women and members of minority groups.

NATIONAL CHIAO TUNG UNIVERSITY

Hsinchu, Taiwan

The Department of Communication Engineering invites applications for several tenure track faculty positions at all levels. Areas of interest to the department are communication ICs (RF VLSI, mixed-mode circuits, SOC), communication software, communication systems and wireless network.

The department has 31 faculty mem-
Kettering University invites applications for a tenure-track faculty position at the assistant/associate professor rank. The applicant should have a Ph.D. in electrical or computer engineering, with expertise in computer engineering areas such as, VLSI, computer architecture and embedded systems. The candidate must have ability for excellent teaching at the undergraduate and graduate levels, potential to develop graduate courses in computer engineering, and conduct externally funded research programs, and effective communication skills. Some relevant teaching/industrial experience is desirable.

The ECE Department, with about 240 graduate, 40 M.S. and 10 Ph.D. students and 17 faculty members, provides an exciting environment for educators to grow and excel in their profession. Three State-sponsored Centers of Excellence within the College of Engineering support and promote research of the faculty and graduate students.

Screening of applications will begin April 2, 2002 and continue until the position is filled. Additional information may be found at the website [http://www2.tntech.edu/ece/](http://www2.tntech.edu/ece/).

Interested persons are invited to submit a resume, TTU application, and names of three references. For TTU application see [http://www2.tntech.edu/jobs/application.html](http://www2.tntech.edu/jobs/application.html). Please mail these documents to: Chairperson, Faculty Search Committee Electrical and Computer Engineering Department Tennessee Technological University P.O. Box 5004 Cookeville, TN 38505-0001

THE UNIVERSITY OF TEXAS AT ARLINGTON
Computer Science and Engineering Department

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

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

Applicants must have an earned doctorate in computer science, computer engineering, or closely related fields and a commitment to teaching and scholarly research. Applicants are expected to have an excellent record of professional accomplishments, commensurate with their level of experience. The faculty openings are anticpated for September 2002. Screening of applications will begin immediately and will continue until all positions are filled. Interested persons should send a resume and reference letters to:

Dr. David Kung, Chair of Search Committee Department of Computer Science and Engineering P.O. Box 19015 For overnight express: 416 Yates St., NH300 Arlington, TX 76019-0015 Phone: 817-272-3605 FAX: 817-272-3070 Email: search@cse.uta.edu. [http://www.cse.uta.edu](http://www.cse.uta.edu)

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

DREXEL UNIVERSITY
Postdoctoral Position in Computer Engineering

An NSF supported Postdoctoral Research Associate Position in Computer Engineering is available starting immediately. Research will focus on the high performance Simultaneous Optical Multi-processor Exchange Bus (SOME Bus) interconnection network. More information is available at [http://www.ece.drexel.edu/faculty/katsinis/postdoc.html](http://www.ece.drexel.edu/faculty/katsinis/postdoc.html)