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, new 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
e-mail: search@cs.indiana.edu

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

UNIVERSITY OF PENNSYLVANIA
Department of Computer and Information Science
Lecturer Positions

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

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

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

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

Electronic applications are strongly preferred, but hard-copy applications (including the names of at least four references) may alternatively be sent to:
Chair, Lecturer Search Committee
Department of Computer and Information Science
School of Engineering and Applied Science
University of Pennsylvania
Philadelphia, PA 19104-6389

Applications should be received by March 1, 2003 to be assured full consideration. Applications will be accepted until positions are filled. Questions can be addressed to faculty-search@central.cis.upenn.edu.

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

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 spacious limestone building with extensive state-of-the-art computing facilities. The attractive wooded campus of Indiana University

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,” or “…10 years maximum experience.” Computer reserves the right to append to any advertisement containing any of these phrases or similar ones: “…recent college grad…” “…1-4 years maximum experience…” “…up to 5 years experience,” or “…10 years maximum experience.” Computer reserves the right to append to any advertisement without specific notice to the advertiser. Experience ranges are suggested minimum requirements, not maximums. Computer assumes that since advertisers have been notified of this policy in advance, they agree that any experience requirements, whether stated as ranges or otherwise, will be construed by the reader as minimum requirements only. Computer encourages employers to offer salaries that are competitive, but occasionally a salary may be offered that is significantly below currently acceptable levels. In such cases the reader may wish to inquire of the employer whether extenuating circumstances apply.
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

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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 EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA Employer.

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. UCB is an equal opportunity, affirmative action employer.

SOFTWARE ENGINEER

Software Engineer for manufacturer of electronic & communications eqpt located in Melbourne, FL. Duties incl: Dsgn & dvlp state-of-the-art applies using Java, C++, C, java on UNIX & NT workstations & Handheld devices. Use of Dsgn & dvlp state-of-the-art applc using Java, C++, C, Java on UNIX & NT workstations & Handheld devices. Use of Artificial Intelligence (AI) technologies (Neural Nets, Expert systems) in dsgn & dvlpmt of variety of s/ware modules. Manage off-shore s/ware...
dvlpmnt team. These will be commercial apps for telecommunications industry in areas of network mgmt, service activation, electronic bonding, performance mgmt, security mgmt, etc. Work closely w/other s/ware dvlpmnt teams & s/ware test. Lead dsng, dvlpmnt, test, & document of s/ware apps. Perform project mgmt of off-shore s/ware dvlpmnt team.

Technologies to be used: Neural Networks, Java, Jini, J2EE, JMX, CORBA, OODB, RDBMS, OOADM, C, C++, UNIX, NT, Pal-MOS, SNMP, TMN. Tools to be used: Together Control Center, Rational ClearCase, Object Space, RDBMS: Oracle, Informix & Sybase, BEA WebLogicServer, ILOG’s Visualization Suite, Iona’s ORBIX, Metasolv’s Business Solution, MS Visual C++, MetroWerks Code Warrior, Insure, Purify. Reqs: Masters (or equiv) in Electrical Engrg or related field of study. 5 yrs exp in job offered or 5 yrs of exp as S/ware Engr. Respond to: Ms. Diane Sheffield. Senior Manager/H.R. Har-}

Of exp as S/ware Engr. Respond to: Ms. Diane Sheffield. Senior Manager/H.R. Har-}

MOs, SNMP, TMN. Tools to be used: Together Control Center, Rational ClearCase, Object Space, RDBMS: Oracle, Informix & Sybase, BEA WebLogicServer, ILOG’s Visualization Suite, Iona’s ORBIX, Metasolv’s Business Solution, MS Visual C++, MetroWerks Code Warrior, Insure, Purify. Reqs: Masters (or equiv) in Electrical Engrg or related field of study. 5 yrs exp in job offered or 5 yrs of exp as S/ware Engr. Respond to: Ms. Diane Sheffield. Senior Manager/H.R. Har-

Rensselear Polytechnic Institute 110 8th Street, Troy, NY 12180-3590 E-mail: carle@cpi.edu

Rensselear Why not Change the World?

Rensselear is an Equal Opportunity/Affirmative Action Employer. Women and Minorities are strongly encouraged to apply.

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RENSSELEA POLYTECHNIC INSTITUTE

Assistant Professor

School of Science

The Department of Computer Science at Rensselaer Polytechnic Institute invites applications for one or more expected tenure-track positions at the Assistant Professor level in bioinformatics, data mining, networking and security, scientific computation, and software engineering, starting in the fall of 2003.

Applicants should hold a Ph.D. in Computer Science or a closely allied field, have substantial research accomplishments, and demonstrate a strong commitment to teaching. Additionally, strong candidates in all areas of computer science will be considered.

Under the direction of its president, Rensselaer plans to double its research program in the next five years. Major research initiatives in information technology and biotechnology are integral components of this plan. The Department of Computer Science faculty is participating in collaborative research at the forefront of both of these initiatives. The department currently consisting of 22 full-time faculty members, offers B.S. and Ph.D. degrees, and has multi-million dollar research programs with excellent computing facilities. It has hired 9 junior faculty over the past 5 years, 5 of whom, have won NSF Career Awards. Substantial growth over the next several years is anticipated.

We offer an excellent benefits package including health, dental, life insurance, retirement, tuition, etc. Visit our Web site at: www.rpi.edu/dept/hr

Interested individuals should submit a curriculum vitae with a list of publications, a statement describing current and planned research, and a statement describing teaching philosophy to:

Department of Computer Science

Attn: Jacqueline Carley

Rensselaer Polytechnic Institute

110 8th Street, Troy, NY 12180-3590

E-mail: carle@cpi.edu

Rensselear Why not Change the World?

Rensselear is an Equal Opportunity/Affirmative Action Employer. Women and Minorities are strongly encouraged to apply.

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UNIVERSITY OF HOUSTON

Department of Computer Science

The Department of Computer Science at the University of Houston seeks applicants for the position of Department Head. The successful candidate is expected to provide vigorous leadership in building the department, including the recruitment of several new faculty, building the funded research base, and interacting with the administration of the University and departmental faculty on long range planning. Areas of concentration are: high performance computing, networks, computational science, computer graphics/vision, and scientific/engineering data visualization.

The Department is experiencing a period of strong growth and expects this trend to continue. The Head will also lead in maintaining an innovative curriculum and to continue and initiate collaborative research programs.

Applications should have a Ph.D. in computer science or a related field and have a strong interest in both teaching and leading-edge research. Significant opportunities for collaborative research exist within the University, at Rice University, with the Texas Medical Center, the NASA/Johnson Space Center, and the region’s oil/gas industry. Applications, including a resume, a list of publications and funding, should be sent to:

Department Head Search Committee

Department of Computer Science

Houston, TX 77204-3010 USA

713-743-3263 (voice)

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NATIONAL TAIWAN UNIVERSITY

Department of Electrical Engineering

The Department of Electrical Engineering invites applications from outstanding candidates for several faculty positions at all levels starting August 1, 2003. We are especially interested in candidates in the areas of embedded systems and software, SOC design/verification/testing, real-time operating systems, design automation, hardware/software co-design and computer architectures.

Outstanding candidates who would strengthen the existing research groups in the department are always welcomed. The department currently has 85 full-time faculty members, 673 undergraduates, 697 M.S. students, and 385 Ph.D. students with a research funding of approximately 12 million US dollars annually.

Additional information may be found in the department’s web pages (http://www.ee.ntu.edu.tw). Candidates should send a full resume with publication list, a statement of research and teaching interests, recent publications, and at least 2 reference letters. Applications will be considered immediately until the positions are filled, though preferences will be given to those received before April 15, 2003. Please send applications to (preferably by email):

Prof. Sy-Yen Kuo, Chairman

Department of Electrical Engineering

National Taiwan University

Taipei, Taiwan 106

Tel: +886-2-2363-5251 ext.111

Fax: +886-2-2367-1909

E-mail: sykuo@cc.ee.ntu.edu.tw

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

The University invites applications and nominations for the post of:

Dean of Engineering

The HKUST School of Engineering, the largest School of the University, currently enrolls about 39% of the University’s 5,600 undergraduate students and 49% of 1,400 postgraduate students. It comprises six departments: Chemical Engineering, Civil Engineering, Computer Science, Electrical & Electronic Engineering, Industrial Engineering & Engineering Management, and Mechanical Engineering.

The Dean is an executive and full-time appointment, and is a member of the senior administrative team of the University. The appointee is expected to play a leading role in effecting the academic objectives of the School, and guiding the
School in its diverse activities including program developments, research directions, and industrial partnerships and linkages. Applicants should be established scholars with relevant administrative experience.

Salary will be very competitive with generous benefits. A gratuity will be payable upon successful completion of the contract. Concurrent with a professorial appointment, the initial appointment as Dean will normally be for a term of 3 years.

Applications/Nominations together with a curriculum vitae, and names and addresses of three referees should be sent to the Chairman of the Search Committee for Dean of Engineering, c/o Personnel Office, HKUST, Clear Water Bay, Kowloon, Hong Kong [fax no. (852) 2358 0700] on or before Monday, 31 March 2003. All applications and nominations will be treated in strict confidence. More information about the University is available on the website www.ust.hk.

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**UNIVERSITY OF NEBRASKA - LINCOLN**

**Computer Science and Engineering Department**

The UNL CSE Department is embarking on dynamic growth and seeks applications for a tenure track faculty position in simulation and modeling beginning August 2003. All ranks will be considered based on the qualifications of the candidate. The Department has a successful Simulation & Computing Engineering and Information Technology & Telecommunications as a priority area. The selected person is expected to enhance research productivity (including publications and external funding) and teaching effectiveness in the priority area. The person is also expected to facilitate collaborations with other engineering and science disciplines to make significant advances in the disciplines utilizing advanced simulation, high-performance computing, and visualization.

The successful candidate must have a Ph.D. in computer science or a closely related discipline, outstanding potential as a research scholar who will complement the department’s research faculty and their engineering collaborators, and a commitment to teaching excellence. Preference will be given to candidates with expertise in simulation and modeling of engineering problems.

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 Nebraska, is a prosperous, medium-sized city that ranks high in quality-of-life. Applicants should send a letter of application, a CV, research and teaching statements, and contact information for three references to: Simulation and Modeling Search Committee, Department of Computer Science and Engineering, 115 Ferguson Hall, University of Nebraska-Lincoln, Lincoln, NE 68588-0115.

For complete position advertisements, visit: http://cse.unl.edu/search, email: search@cse.unl.edu, or phone (402) 472-2401. The University of Nebraska is committed to a pluralistic campus community through affirmative action and equal opportunity and is responsive to the needs of dual career couples. We assure reasonable accommodation under the Americans with Disabilities Act; contact Richard Sincovec at (402) 472-2401 for assistance.

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**THE UNIVERSITY OF NEW BRUNSWICK**

The Department of Computer Science & Applied Statistics at The University of New Brunswick (Saint John) invites applications for a 10-month term position in Computer Science beginning August 1, 2003 at the Instructor level. The position is subject to final budgetary approval. Candidates should have a Master’s degree in Computer Science or a closely related discipline. The successful candidate will replace a faculty member who will be on leave, and the ideal candidate would be a software-engineering specialist. Previous teaching experience is desirable. Applicants must submit a curriculum vitae and the names and addresses of three referees (including e-mail address and telephone number) to Dr. Ruth E. Shaw, Chair, Department of Computer Science & Applied Statistics, The University of New Brunswick, P.O. Box 5050, Saint John, New Brunswick, E2L 4L5, fax (506) 648-5799, e-mail reshaw@unb.ca. Review of applications will begin March 30, 2003. All qualified candidates are encouraged to apply, however Canadians and permanent residents will be given priority. Applicants should indicate current citizenship status. The University of New Brunswick is committed to the principle of employment equity.

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**AIR FORCE INSTITUTE OF TECHNOLOGY (AFIT)**

**Computer Engineering and Computer Science**

The Department of Electrical and Computer Engineering, Graduate School of Engineering and Management, Air Force Institute of Technology (AFIT), at Wright Patterson AFB near Dayton, Ohio, has several tenure track openings on the faculty with rank and salary determined by qualifications. Positions are open at the assistant professor level, although qualified candidates will be considered as the associate professor level. Applicants must have an earned doctoral in Computer Engineering, Computer Science, or a related field. Areas of specialization include software engineering, information security, networks, and visualization/graphics. These positions require teaching at the graduate level and carrying out research under the sponsorship of government agencies. This department has close working relationships with Air Force and Department of Defense research and development organizations. The department has excellent laboratory facilities, and computational facilities are of the highest caliber. Employment at AFIT is only open to U.S. citizens. Submit a complete resume and the names of three references to Dr. Gary B. Lamont, Search Committee Chairman, Department of Electrical and Computer Engineering, AFIT/ENG, 2950 P Street, Wright-Patterson AFB OH 45433. You may contact him at email address Gary.Lamont@afit.edu or (937) 255-3636, ext 4718, for additional information. The United States Air Force is an equal opportunity, affirmative action employer.

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**WEB/GRAphic DESIGNER**

Web/Graphic Designer needed for Barry Uni’s Div. of Info Technology. Degree + exp (in Flash, Photoshop, Dreamweaver, etc.) required. Mail resume to: Web/Graphic Position, Barry University, 11300 NE 2 Ave Box #1089, Miami Shores, FL 33161-6695. EOE.

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**SOFTWARE ENGINEERS**

(Unisys/New York)

Software Engineers (Unisys/New York) are responsible for s/w development using C, C++, Java & Visual Basic for enhancement & maintenance of advanced financial modeling s/w used for mathematical modeling of financial instruments incl bonds & derivatives. Reqs. Ph.D. in mathematics, physics or other mathematically complex area. 4 yrs exp in job offered or 4 yrs exp as Software Engineer or Programmer Analyst. Must possess strong C/C++, Java & VB programming skills as well as advanced skills in modeling & numerical methods w/ exp in Monte Carlo Simulation & Stochastic Calculus. Must have skills in mathematically modeling of financial instruments incl bonds & derivatives & exp in programmatically implementing s/w for financial models using C++ & Java. 40 hrs/wk & 8-5; Salary commensurate w/exp. Send resume to IEEE Computer Society, 10662 Los Vaqueros Circle, Box # COM23, Los Alamitos, CA 90720.

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**COMPUTER SCIENTIST/APPLICATIONS PROGRAMMER**

MS degree in Comp Sci or Comp Eng. Exp w/IDL, C, C++, Tk, ENV; AWK or PERL; & remote sensed data also req’d. Will provide scientific & applications programming to support coastal research projects, develop orig data processing algorithms, assist in maintaining LINUX computers, upgrade current systems & work to extend software systems. St. Petersburg, FL. Send resume to: ctaylor@eitpros.com.