ROSE-HULMAN INSTITUTE OF TECHNOLOGY

The Electrical and Computer Engineering (ECE) Department at Rose-Hulman Institute of Technology is looking for a few good people that are interested in college teaching as a vocation. The ECE Department has the tradition of emphasizing hands-on and minds-on learning through rigorous laboratory experiences designed to help students discover and understand the laws, principles, and concepts of electrical and computer engineering. Rose-Hulman has established a solid reputation for academic excellence. This reputation was built on hard work, dedication, and a clear vision “To Be The Best”. Therefore, we invite applications for a tenure-track position in computer engineering beginning Fall 2003. Specific areas of interest are computer architecture and software engineering. Qualifications include an earned doctorate in electrical engineering, computer engineering, or related discipline. Again, candidates for this position must have a strong commitment to undergraduate engineering education and life-long personal professional development. Submit by October 7, 2002, a vita, a statement of teaching/research philosophy, and three references to Dr. Fred Berry, Department Head ECE, at Rose-Hulman Institute of Technology, 5500 Wabash Av., Terre Haute, IN 47803. Rose-Hulman Institute of Technology is an Equal Opportunity Affirmative Action Employer.

TOYOTA TECHNOLOGICAL INSTITUTE AT CHICAGO
Computer Science at TTI-Chicago

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

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

Initial faculty appointments will commence in Autumn 2003, though some appointments may begin earlier by mutual agreement. The Department is projected to grow to a steady-state of thirty faculty by 2007. Faculty are particularly sought with research programs in:
- computational geometry
- databases and data mining
- human-computer interaction
- large-scale scientific simulation
- machine learning
- networking and distributed computing
- software and programming systems
- theoretical computer science

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

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

ETH ZURICH
Professor of Computer Science
(Information Technology and Education)

The new professor is responsible for research and teaching in information technology and its application to education. The design and realization of information and communication technology teaching tools is of special interest, as well as the practical testing and the didactical evaluation of new concepts. In addition, teaching concepts for lifelong learning and education in schools should be developed and evaluated.

The new professor is expected to be interested in teaching introductory computer science courses as well as courses in didactics of computer science and courses for non-engineering students. Applications are solicited from candidates with internationally recognized research credentials and teaching experience.

Please submit your application together with a curriculum vitae, list of publications, the names of at least three referees, and a short overview of your research interests to the President of ETH Zurich,

Prof. Dr. O. Kübler, ETH Zentrum, CH-8092 Zurich no later than October 31, 2002. The ETHZ specifically encourages female candidates to apply with a view towards increasing the proportion of female professors.

General information about the Department of Computer Science of ETH Zurich can be found at “http://www.inf.ethz.ch/”. Questions concerning this open position can be addressed to Prof. P. Widmayer, Head, Department of Computer Science, CH-8092 Zurich (e-mail: widmayer@inf.ethz.ch).

UNIVERSITY OF MARYLAND,
COLLEGE PARK
Director and 7 Faculty Positions
Center for Bioinformatics and Computational Biology

The University of Maryland invites faculty applications at the assistant, associate, and full professor levels for the newly established Center for Bioinformatics and Computational Biology. The campus has committed resources to recruit up to eight new faculty in the Center, including a Director. It is anticipated that the primary specialization areas of the faculty will collectively span fields of computer science, mathematics and statistics, biology, and biochemistry. Their primary responsibility will be to lead a nationally visible research program in selected areas of computational genomics, proteomics, molecular evolution and phylogenetics, complementing existing strengths at the University of Maryland. Candidates for the Director position are expected to be senior researchers with prominent recognition in these areas. All other applicants are expected to have publications and research experience beyond the Ph.D.

SUBMISSION DETAILS: Rates are $25.00 per line (ten lines minimum). Average five typeset words per line, eight lines per column inch. Add $10 for box number. Send copy at least one month prior to publication date to: Marian Anderson, Classified Advertising, Computer Magazine, 10662 Los Vaqueros Circle, PO Box 3014, Los Alamitos, CA 90720-1314; (714) 821-8380; fax (714) 821-4010. Email: manderson@computer.org.


In order to conform to the Age Discrimination in Employment Act and to discourage age discrimination, Computer may reject any advertisement containing any of these phrases or similar ones: “...recent college grads...” “...1-4 years maximum experience...” “...up to 5 years experience,” or “...10 years maximum experience.” Computer reserves the right to append to any advertisement without specific notice to the advertiser. Experience ranges are suggested minimum requirements, not maximums. Computer assumes that sine advertisers have been notified of this policy in advance, they agree that any experience requirements, whether stated as ranges or mimumums.

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.

## Computer Science at TTI-Chicago

- **Software and Programming Systems**
- **Theoretical Computer Science**

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

For more information, contact:
Mr. Frank Inagaki
Treasurer and Secretary to the Board
Toyota Technological Institute at Chicago
finagaki@uchicago.edu
degree with strong components of biological science and computing. Experience in interdisciplinary collaboration is an asset. The faculty will be housed in contiguous space set aside for the Center and will have access to significant high-end computing infrastructure through the University of Maryland Institute for Advanced Computer Studies. Each faculty member will also be affiliated with at least one other campus academic unit appropriate to her/his interests. There is ample potential for collaboration with other outstanding bioinformatics research groups nearby, in organizations such as NHGRI, Celera, TIGR, the Maryland Biotechnology Institute, and the Smithsonian Institution. To apply, send a letter of application, curriculum vitae, letters of recommendation, and URL for additional information to the search committee, in care of the appropriate departmental representative. See http://www.umiacs.umd.edu/centers/bio.htm for more information about the Center and the application procedure.

The University of Maryland is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. Applications completed by November 30, 2002 will receive full consideration.

MISSISSIPPI STATE UNIVERSITY

Mississippi State University invites applications for several tenure-track faculty positions in the Department of Electrical and Computer Engineering; all ranks will be considered. Applicants should have a strong background in one of the following areas: (1) analog and mixed signal circuits and systems, (2) computer systems, including both hardware and software experience. A Ph.D. and a clear potential for distinguished performance in undergraduate and graduate teaching are required. Individuals will be expected to demonstrate ability to conduct sponsored research in one of the above areas and industry experience is highly desirable. Applications will be accepted until positions are filled. Send resume and list of three references to Dr. G.M. Molen, Department of Electrical and Computer Engineering, Box 9571, Mississippi State, MS 39762. MSU is an AA/EOE.

UNIVERSITY OF CINCINNATI

The Department of Electrical & Computer Engineering and Computer Science invites applications for a Research Assistant Professor position in Computer Engineering and Computer Science. Primary responsibilities will be to conduct research in the area of wireless and mobile systems, coordinate the efforts of graduate students, and assist with teaching activities. Candidates must have an earned Ph.D. degree in Computer Science, Computer Engineering, or a closely related field. Curricula vitae, letters of recommendation, and URL for additional information to the search committee, in care of the appropriate departmental representative. See for more information about the Center and the application procedure.

The University of Maryland is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. Applications completed by November 30, 2002 will receive full consideration.

FACULTY POSITION

Division of Health Sciences and Technology, and Department of Electrical Engineering and Computer Science

The Massachusetts Institute of Technology seeks candidates for a tenure-track faculty position offered jointly in the Harvard University-Massachusetts Institute of Technology Division of Health Sciences and Technology (HST) and the MIT Department of Electrical Engineering and Computer Science (EECS).

We seek candidates with backgrounds in interdisciplinary fields of biomedical engineering and/or the bio-medical sciences. Faculty duties will include teaching at the undergraduate and graduate levels, research, and supervision of theses. Collaborative opportunities with investigators at MIT, Harvard University, Harvard Medical School, and its teaching hospitals are abundant. In addition, with access to an exceptional student body, there are rich opportunities to build an interdisciplinary, biomedically oriented research group. There are currently 380 students enrolled in the HST’s degree programs as MS, Ph.D., and/or MD candidates, and 750 students enrolled in EECS’s MS and Ph.D. programs. We seek candidates who will interact productively with students and faculty in both HST and EECS, thereby fostering interdisciplinary research and teaching.

HST and EECS are strongly committed to diversity in their faculties and student populations. We encourage applications from men and women of all demographic backgrounds. All candidates should reply to the address below. The application should include curriculum vitae, statements of professional interests in both research and teaching, and the names and addresses of three or more individuals who will provide letters of recommendation. Please arrange to have such letters sent directly to the address below. The deadline for receipt of applications is November 15, 2002.

Please send applications to: Martha L. Gray, PhD, Co-Director, Harvard-MIT Division of Health Sciences and Technology, Massachusetts Institute of Technology, E25-510, 77 Massachusetts Avenue, Cambridge, MA 02139-4307. For more information on HST, please visit http://hst.mit.edu. For more information on EECS, please visit http://www.eecs.mit.edu

Senior Systems Architect

Specialized Supercomputer for Computational Drug Design

Successful, well-funded, rapidly growing early-stage venture based in New York City seeks extraordinarily gifted digital systems architect to assume a senior role in building a special-purpose supercomputer designed to fundamentally transform the process of drug discovery within the pharmaceutical industry. The project aims to combine an innovative, massively parallel architecture incorporating application-specific integrated circuits with novel mathematical techniques and groundbreaking algorithmic advances in computational chemistry to direct unprecedented computational power toward the solution of key problems in molecular design. The successful candidate will be working closely with a number of the world’s leading computational chemists and biologists, and will have the opportunity not only to participate in an exciting entrepreneurial venture with considerable economic promise, but to make fundamental contributions within the fields of biology, chemistry, and medicine.

The ideal candidate will be unusually intelligent and creative, with an extraordinary record of academic and/or professional achievement, and will have considerable expertise in computer organization, computer arithmetic, and numerical applications and a demonstrated ability to architect, model, design, and implement complex, high-performance hardware solutions based on ASIC and/or FPGA technologies. Experience with VLIW architectures and/or digital signal processors would be particularly useful. We are prepared to reward an exceptionally well qualified individual with above-market compensation as well as equity participation.

Please send resume, along with GPAs and standardized test scores (SAT, GRE), to careers@schrödinger.com.
Penn State University is committed to affirmative action, equal opportunity and the diversity of its workforce. The University is the comprehensive university in Louisiana and participates in the Governor’s Information Technology Initiative, under which a number of interdisciplinary positions will be available in scalable information infrastructure areas such as high-end computing and intelligent information and data management, biomedical computing, medical imaging, materials science, mobile and wireless network technologies, virtual organization and commerce, and geoinformatics.

As part of this initiative, the University has acquired a Beowulf-class Supercomputer, which will be one of the world’s fastest machines, and will be dedicated to high performance computing. In addition, LSU has many other research computing facilities to deal with very large, complex problems facing scientists, engineers, and industry. The departmental research facilities can be seen on our web site at http://www.csc.lsu.edu.

Current research interests of the faculty in the department include computer networks, artificial intelligence, software engineering, robotics, computer vision and image processing, databases, information retrieval, parallel and distributed algorithms, theoretical computer science and high performance computing. The Department offers B.S., M.S., and Ph.D. degrees.

A complete application shall include curriculum vitae, list of publications, names and addresses of at least three references, and a statement of research and teaching objectives. The department will begin reviewing applications December 15, 2002 and will continue until candidate is selected. Applications and inquiries should be sent to: Professor S.S. Iyengar, Chair Department of Computer Science Louisiana State University Ref: Log #0001 Baton Rouge LA 70803-4020 (225) 578-1252 iyengar@bit.csc.lsu.edu LSU IS AN EQUAL OPPORTUNITY/ EQUAL ACCESS EMPLOYER

THE UNIVERSITY OF IOWA

A tenure-track position at the Assistant Professor level is open for an individual interested in computational methods and their application to significant biological problems. Areas of particular interest include: comparative genomics, genome evolution, genomic applications, computational methods, and algorithm design; however, applicants in other related areas will also be carefully considered. This position is part of a campus-wide initiative involving many departments in the Colleges of Liberal Arts and Sciences, Engineering, Medicine, and Public Health addressing all aspects of Bioinformatics. The successful candidate will encounter a diverse and dynamic community of scholars interested in computational methods and their application to biological problems.

Candidates will be expected to have a Ph.D. as well as a record of accomplishment as reflected in publications in leading journals. The successful candidate will be expected to establish and maintain an extramurally-funded research program. Recently renovated space and a competitive start-up package will be made available. Applicants should send a curriculum vitae, statement of research objectives, selected reprints, a description of teaching interests, and the names of three references to:

Computational Biology Search Committee The University of Iowa Department of Biological Sciences 138 Biology Building Iowa City 52242-1324

Applications will be considered as they are received. The University of Iowa is an affirmative action/equal opportunity employer. Women and minorities are especially encouraged to apply.
associated member in the Faculty of Biology. He/She will lead research and teaching in the field of Bioinformatics. He/She will also be in charge of implementing new courses and degrees in cooperation with other universities in the upper Rhine valley area network (EUCOR).

Applications, including a curriculum vitae, publications list and a letter stating the research interests should be sent by October 4, 2002 to the Dean of the Faculty of Applied Sciences, University of Freiburg, D-79110 Freiburg, Germany. http://www.faw.uni-freiburg.de/.

At the Faculty of Biology, within the framework of the establishment of the ZIBI, a Professorship (C3) for Experimental Bioinformatics and a third Professorship (C4) in Bioinformatics and Molecular Genetics are in the process of appointment.

The University of Freiburg aims to increase the percentage of women in research and teaching, and therefore encourages female candidates meeting the above qualifications to apply.

UNIVERSITY OF NEW ORLEANS

The Department of Computer Science invites applications for two tenure track positions. The appointments will be primarily at the rank of assistant professor with very competitive salary/start up funds and excellent benefits in a very affordable cost of living area.

One of the two positions is in Bioinformatics and is jointly funded by the University of New Orleans and the Research Institute for Children. We are particularly interested in applicants with a research interest that can be applied to problems in microbial informatics, such as comparative genomics, gene expression, or predictions of functional activities. Qualifications for this position include a Ph.D. in Computer Science, Bioinformatics, or a closely related field. Post-doctoral experience and substantial knowledge and expertise with biological systems are desirable.

For the second position, the department has a particular interest in specialists in systems, networks, computer security, databases, and software engineering, but will give serious consideration to excellent applicants from any of the computing fields. Qualifications for this position include a Ph.D. in Computer Science or a closely related field, and strong practical skills.

Responsibilities for both positions include teaching at the B.S., M.S., and Ph.D. levels, supervision of graduate students, securing external funding, and publication of research results. Our computing facilities include state-of-the-art instructional and research laboratories. This includes a 72-node Beowulf High Performance class system dedicated to research. Excellent opportunities for interaction with federal agencies and corporations located at the University of New Orleans’ (UNO) Research & Technology (R&T) Park, and the Tennis Space Center in nearby Mississippi exist. Our newly approved Canizaro/Livingston Information Management & Bioinformatics (CLIMB) Center (located at UNO’s R&T park) provides additional opportunities for research funding.

The University of New Orleans enrolls over 17,000 students, is an urban public university, and is a member of the Louisiana State University system. The Computer Science Department has over 700 undergraduate majors, and its baccalaureate degree program is accredited by the Computing Commission of ABET.

The Department initiated a masters degree program in Fall 1991, which has since grown to over 80 students. The Department also participates in a multidisciplinary doctoral program in engineering and applied science.

The Research Institute for Children is a newly established, well-funded, academic collaboration based at Children's Hospital of New Orleans. A 60,000 sq. ft state-of-the-art research building was dedicated in February of this year. The research focus is host-pathogen interactions in the causation of human disease.

Applicants should send a resume and the names of at least three references to: Search Committee, Department of Computer Science, University of New Orleans, New Orleans, LA 70148. E-mail: search@cs.uno.edu. Applications will be accepted until the positions are filled. Women and minorities are especially encouraged to apply. The University of New Orleans is an Equal Opportunity/Affirmative Action Employer.

CLEMSON UNIVERSITY

Applications are invited for faculty positions in the Computer Engineering area of the Department of Electrical and Computer Engineering. The Department has strong research programs in wireless communications and signal processing, mechatronics, computational electromagnetics, solid-state device reliability, power systems, cluster-based computing, reconfigurable computing, and machine vision.

Exceptional candidates at all levels and in all research areas related to computer engineering will be considered. However, we intend to fill at least one position in the area of computer communication networks. For the other positions, we are interested in individuals who can contribute to the Department’s active research programs or who can serve as conduits for building interdisciplinary research teams in emerging areas at Clemson (e.g., robotics/control, intelligent systems, and computer simulation). Candidates should hold a Ph.D. degree in Computer Engineering, Electrical Engi-
neering, Computer Science, or a closely related field and should have high potential for establishing a sustained research program and quality teaching. The individual selected will be expected to contribute to both new and ongoing research programs at Clemson and to teach both undergraduate and graduate courses. A detailed description of the department is available at http://www.ece.clemson.edu. Send resume and names and addresses of five references to Chair, Holcombe Department of Electrical and Computer Engineering, 105 Riggs Hall, Box 340915, Clemson University, Clemson, SC 29634-0915. Evaluation will begin October 1, 2002, and will continue until the positions are filled. Clemson University is an Equal Opportunity/Affirmative Action Employer.

### INFORMATION SYSTEM MANAGER

Design & Implement Local & Wide Area Networks. Implement and manage corporate network, email and websites including backup management and firewall configuration. Bachelors Degree in Business Administration or MIS required. Send ad w/resume to: Universal Dealer Consultants; 298 Technology Drive, Suite 150; Irvine, CA 92618.

### ETH ZURICH

Professor in Software Technology

The successful applicant for this open position is expected to be an internationally recognized expert in the software field, with a strong publication record and extensive practical experience. Although excellent candidates will be considered regardless of their area of specialization in software technology, fields of particular interest include: component technology; object technology; formal methods and their practical applications; programming languages for software engineering; software validation and verification; management of software projects. The Professor will be invited to join initiatives in progress such as a Component Certification Center.

All professors are expected to participate in teaching introductory computer science courses.

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. Please submit your application together with a curriculum vitae, list of publications, the names of at least three referees, and a short overview of your research interests to the President of ETH Zurich, Prof. Dr. O. Kübler, ETH Zentrum, CH-8092 Zurich no later than October 31, 2002. The ETHZ specifically encourages female candidates to apply with a view towards increasing the proportion of female professors.

General information about the Department of Computer Science ETH Zurich can be found at "http://www.inf.ethz.ch". Questions concerning this open position can be addressed to Prof. P. Widmayer, Head, Department of Computer Science, CH-8092 Zurich (e-mail: widmayer@inf.ethz.ch) or Prof. Dr. B. Meyer (bertrand.meyer@inf.ethz.ch).

### GEORGIA STATE UNIVERSITY

Department of Computer Science

The Department of Computer Science of Georgia State University invites applications for an anticipated tenure-track position for assistant/associate professor beginning the Fall semester, 2003. Earned Ph.D. in Computer Science, or a closely related discipline, and an excellent record in publications in computer science are required with preference for extramural funding. Preference is for individual with speciality in software engineering, graphics, content processing, internet multimedia communications, operating systems, or algorithms.

The department offers programs leading to the B.S., M.S., and Ph.D. degrees in computer science. Departmental computing facilities for research and instruction include a departmental network of PCs, Unix/Linux workstations, and a 24-processor Origin 2000 high-performance computer and five laboratories, and a hypermedia and visualization research laboratory. A full-time systems programmer supports the departmental computing facilities.

Applicants should send a letter of application, vita without birthdate, but with citizenship status, and three letters of reference and transcripts of all graduate and undergraduate work to: Chair, Computer Science Department, Georgia State University, University Plaza, Atlanta, Ga. 30303-3083 (or e-mail to: mfraser@cs.gsu.edu). Applications will be accepted until position is filled. Georgia State University is an EEO/AA institution.

### SAN FRANCISCO STATE UNIVERSITY

The Department of Computer Science invites applications for the position of department Chair to begin by August 22, 2003. We are seeking candidates with outstanding records in both leadership and research. Administrative experience is also desired. A successful candidate should have a Ph.D. in Computer Science in a software-related field and be qualified for an appointment at the level of Full Professor. The new Chair will provide leadership in the expansion of departmental research activities, revision of the Master of Science program, professional development of junior faculty, and expansion of industrial connections and funded research. In addition, the new Chair will teach undergraduate and/or graduate courses with a reduced load. The Department of Computer Science (http://cs.sfsu.edu) offers an ABET-accredited undergraduate program and a Master of Science degree. We serve approximately 11500 students. Over the past 3 years, the student body has grown nearly 10% each year. We have 11 full-time faculty as well as several who serve part-time. SFSU is an Affirmative Action Employer and women and minorities are encouraged to apply. Interested candidates should send a curriculum vitae, statements of research, teaching, and leadership plans, the names of at least three references, and copies of representative publications to Chair Search Committee, Computer Science Department, San Francisco State University, 1600 Holloway Avenue, San Francisco, CA 94132. Review of applications will begin November 4, 2002 and will continue until the position is filled.

### CLEVELAND STATE UNIVERSITY

The Department of Electrical and Computer Engineering at Cleveland State University invites applications for a tenured/tenure-track faculty position that will lead the development of the Master of Science in Software Engineering degree program. The appointment will be at the rank of Associate/Full Professor, with competitive salary commensurate with experience. Applicants must document relevant prior teaching and research experience in software engineering and the potential for continuing research support. Major local corporations and government agencies, such as Rockwell Automation, Philips, General Electric, Computer Associates, ABB Automation, Keithley Instruments, Nordson, Parker Hannifin, Eaton Corp., NASA Glenn Research Center, and many others, have a very strong need for software engineers and have expressed their desire to support the development of the MSE program and their expertise. Minimum qualifications: Ph.D. in Software Engineering, Computer Engineering, Computer Science or related fields with specialization in software engineering; teaching experience; record of publications; and record of funded research. Preferred qualifications: distinguished record of teaching experience in software engineering; distinguished record of publications in a recognized area of software engineering; sustained record of externally funded research; experience in laboratory development; excellent communication skills; relevant industrial experience. A letter of application and current resume, including names, addresses, phone numbers and e-mail addresses of at least three references, should be sent to: Search Committee, Electrical and Computer Engineering Department, Cleveland State University, Cleveland, Ohio 44115-2425, phone (216) 687-2589. For information about CSU visit our home page: www.csuohio.edu
Applications will be accepted until the position is filled. Cleveland State University is an equal opportunity, affirmative action employer. Women, persons with disabilities and members of minority groups are encouraged to apply.

BYU

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

WRIGHT STATE UNIVERSITY

Assistant, Associate, Full & Non-Tenure Track Faculty Positions

The Department of Computer Science and Engineering at Wright State University seeks applicants for tenure track Assistant, Associate or Full Professor positions and for non-tenure track positions as Instructor or Lecturer. The Department resides in the College of Engineering and Computer Science and offers B.S., M.S. and Ph.D. degrees both in Computer Science and Computer Engineering. Candidates for these positions are expected to have an earned Ph.D. (except for the Instructor/Lecturer position for which an M.S. and admissibility to our Ph.D. program are required) in computer science, computer engineering, or a closely related field and evidence of scholarship in that field appropriate to the position. Associate and Full Professor applicants should have a distinguished record in computing, demonstrating strong leadership in both research and teaching, commensurate with the rank. There is specific interest in faculty specializing in networking, operating systems, particularly in parallel and real time applications, and in bioinformatics. However, all high quality applicants will be considered regardless of their field of specialization.

The Computer Science and Engineering Department is one of four departments in the College of Engineering and Computer Science. The Department currently has 24 faculty members, 525 undergraduate majors, and more than 125 M.S. and 35 Ph.D. students. It is housed in a new, attractive, engineering building with fully networked Unix and NT environments, an Origin 2000 supercomputer, an NCR4800 Teradata machine, and excellent research laboratories. Wright State University, an institution of 16,000 students, is located on a spacious campus with a significant area of protected green space in a growing high-technology suburban community. It is surrounded by commercial (NCR, Lexis-Nexis, Reynolds & Reynolds, Mead, etc.) and government (WPAFB) research and development facilities. The University is proactively committed to industrial and government partnerships for research and economic development ventures and has established the Information Technology Research Institute closely aligned with the CS&E Department. The Department receives special support for enhancement of its graduate program from WSU, and the Ohio Board of Regents.

Salary and fringe benefits are competitive. For more information see CS&E Department. The Department received $5.3M in externally sponsored research. A variety of affordable and pleasant living environments, schools and parks, attractive to professionals and their families, are conveniently located close to the campus.

Applications should clearly indicate the position for which they are applying, including the rank sought, and provide a brief statement of their research and teaching interests and goals. They should include a complete vitae with names, addresses, telephone numbers and e-mail addresses of at least three references, documentation of teaching abilities, plus any additional supporting information that they would like to provide. Salaries are highly competitive. Address applications and supporting information to:

Chair, Faculty Search Committee
Department of Computer Science & Engineering
Wright State University
Dayton, OH 45435

Consideration of candidates starts September 16, 2002 and continues each month until September 30, 2003, or until the positions are filled. For details and information you may call (937) 775-5134 or contact Oscar N. Garcia, NCR Distinguished Professor and Chair, ogarcia@cs.wright.edu

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

STANFORD UNIVERSITY

Department of Computer Science Faculty Openings

The Computer Science Department of Stanford University invites applications for tenure-track faculty positions at both the junior level (Assistant or untenured Associate Professor) and senior (tenured Associate or Full Professor) level. We are seeking applicants from all areas of Computer Science, including Foundations, Artificial Intelligence, Graphics, Databases, Systems, Human Computer Interaction, and Networking. The department also has interest in applicants doing research at the frontiers of computer science, for instance biological computing, bio-informatics, computation and art, or computational economics. Higher priority will be given to the overall innovation and promise of the candidate’s work than to any specific

Computer Science Department Chair

Union seeks applications and nominations for a faculty appointment as Chair of the Computer Science Department for September 2003. This position will add to the five full-time positions now in the department. The department offers a BS degree and has a small MS program. It shares additional faculty members with the Electrical and Computer Engineering Department, with which it offers a Computer Engineering major. We are seeking a dynamic person who can lead a growing department in maintaining and updating a strong major while embracing a new College-wide “Converging Technologies” initiative focused on teaching new technologies through interdisciplinary cooperation in engineering, sciences, arts and humanities. Candidates should hold a Ph.D. in computer science or a closely related discipline, and be committed to excellence in teaching and research.

Union is a highly selective coeducational college with programs in the liberal arts and engineering, and with a strong tradition of undergraduate research. The department offers a congenial working environment, excellent students, and up-to-date laboratories with Unix workstations and PCs.

Union College is located in New York’s Capital Region, three hours from New York City and Boston. Rensselaer Polytechnic Institute, the University at Albany, Knolls Atomic Power Laboratory, and the GE Global Research Center are nearby and offer unique opportunities for collaborative teaching and research.

Salaries and fringe benefits are competitive. For more information see www.cs.union.edu. Applications should include names, postal and email addresses of three references, and a statement of teaching and research philosophy for an undergraduate computer science department to:

Search Committee Chair
Computer Science Department
Union College, 807 Union Street, Schenectady, NY 12308

Review of applications will start in November and continue until the position is filled.

Union College is an equal opportunity, affirmative action employer and is strongly committed to increasing the diversity of its employees.
An earned Ph.D., evidence of the ability to pursue a research program, and a strong commitment to graduate and undergraduate teaching are required. For senior appointments, we are searching for strong, energetic and visionary leaders. Successful candidates will be expected to teach computer science courses at the graduate and undergraduate levels and to build and lead a team of graduate students in Ph.D. research. Further information about the Computer Science Department can be found at http://cs.stanford.edu.

Applications should include a curriculum vita, statements of research and teaching interests and the names of at least four references. Candidates are requested to ask references to send their letters directly to our search committee. The letters should be sent in as soon as possible, but no later than the application deadline. All materials should be sent to: Search Committee Chair, c/o Laura Kenny-Carlson, Computer Science Department, Stanford University, Gates 278, Stanford, CA 94305-9025; or via electronic mail to search@cs.stanford.edu.

The review of applications will begin on January 6, 2003, and applicants are strongly encouraged to submit applications by that date; however, applications will continue to be accepted until February 3, 2003. The positions are available beginning Autumn 2003. Stanford University is an equal opportunity employer and welcomes nominations of women and minority group members and applicants from them.

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**ETH ZURICH**

**Professor of Computer Science (Theoretical Computer Science)**

The new professor is responsible for research and teaching in the broad area of theoretical computer science. Any research specialization within theory and its application is welcome.

The professor shall lead a research group and cooperate with other research groups in the department and/or in related disciplines at ETH (e.g. mathematics or biology). Candidates are expected to show internationally recognized research credentials and proven teaching ability.

Please submit your application together with a curriculum vita, list of publications, the names of at least three referees, and a short overview of your research interests to the President of ETH Zurich, Prof. Dr. O. Kübler, ETH Zentrum, CH-8092 Zurich no later than October 31, 2002. The ETHZ specifically encourages female candidates to apply with a view towards increasing the proportion of female professors.

General information about the Department of Computer Science of ETH Zurich can be found at “http://www.inf.ethz.ch”. Questions concerning this open position can be addressed to Prof. P. Widmayer, Head, Department of Computer Science, CH-8092 Zurich (e-mail: widmayer@inf.ethz.ch) or Prof. U. Maurer (e-mail: maurer@inf.ethz.ch).

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**ST. MARY’S UNIVERSITY**

**Engineering Department Two Faculty Positions**

The Department of Engineering at St. Mary’s University of San Antonio invites applications for two tenure track faculty positions, one in Computer Engineering and another in Electrical Engineering in the area of Control Systems at the Assistant Professor levels. Applicants must have earned a doctorate degree and must demonstrate strong potential for excellence in teaching and research. The suc-
The Department of Computer Science and Engineering at the University of Minnesota invites applications for several open faculty positions. These positions are primarily at the assistant professor level, but highly qualified applicants at higher ranks will also be considered. Specialists from all areas of computer science and engineering are encouraged to apply. Requirements include a Ph.D. in computer science, computer engineering, or a closely related discipline, a commitment to quality teaching, and the potential for carrying out outstanding research. Senior candidates must possess a distinguished record of teaching, research, and service.

The research and teaching missions of the Department encompass a wide range of areas, including networking and distributed multimedia, internet technologies, cryptography and security, databases, data mining, software engineering, computer architecture, compilers, programming languages, artificial intelligence, robotics and computer vision, computer graphics and visualization, algorithms and complexity theory, geometric computing and applications, human-computer interaction, parallel computing, and scientific computing. Its faculty members, numbering thirty-four, have access to outstanding computing facilities both within the Department and at the various research centers on campus, including the Army High Performance Computing Research Center, the Minnesota Supercomputing Institute, and the Institute for Mathematics and its Applications. The Department is also a key player in the recently established Digital Technology Center at the University. External research funding in the department has grown steadily over the past several years and recently topped $4.4 Million. Additional information about the Department is available at its World Wide Web home page: <http://www.cs.umn.edu>. The Minneapolis-St. Paul area is a major center for the computer industry and for advanced technology, and the Department enjoys strong interactions with local industries.

Applicants should submit a curriculum vitae, a research summary, and the names of at least three references to: Dr. Djaffer Ibaroudene, Search Committee Chair, St. Mary’s University, One Camino Santa Maria, Box 34, San Antonio, TX 78228. Phone: 210-431-2050, e-mail: dibaroudene@stmarytx.edu. St. Mary’s University is an Affirmative Action and equal opportunity employer.

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**UNIVERSITY OF MINNESOTA - TWIN CITIES**

**Faculty Positions**

**Department of Computer Science and Engineering**

The University of Minnesota is an equal opportunity/affirmative action employer. All qualified applicants, including women and minorities, are encouraged to apply.

The University of Alabama at Birmingham invites nominations or applications for the position of Department Chair. Candidates should possess proven leadership and administrative skills and have an established reputation as a scholar. The Chair will be expected to provide vigorous leadership in the development of interdisciplinary collaboration initiatives in bioinformatics with the highly ranked UAB biomedical research community. The successful candidate will be appointed to a tenured position as Professor within the Department, with salary at a level commensurate with qualifications and experience. Letters of application should include a full curriculum vitae and names and addresses of five references. Applications will be accepted until the position is filled; screening will begin immediately. Applicants from minority and women applicants are especially encouraged.

Nominations or applications should be sent to: Chair_search@cis.uab.edu or Department Chair Search Committee Department of Computer and Information Sciences University of Alabama at Birmingham Birmingham, AL 35294-1170 The University of Alabama at Birmingham is an equal opportunity/affirmative action employer.

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**UNIVERSITY OF ALABAMA AT BIRMINGHAM (UAB)**

**Department Chair Position**

**Department of Computer and Information Sciences**

http://www.cis.uab.edu/

Applications and nominations are being accepted for the position of Department Chair. Candidates should possess proven leadership and administrative skills and have an established reputation as a scholar. The Chair will be expected to provide vigorous leadership in the development of interdisciplinary collaboration initiatives in bioinformatics with the highly ranked UAB biomedical research community.

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**SOFTWARE ENGINEER**

Develop, debug software for storage network processor verification. Interface with ASIC, simulation engineers to identify and resolve hardware design issues. MSEE, relevant TCP and networking protocols experience with embedded processor. iSCSI and storage protocols required. Verilog simulation, debug experience, C language, GNU tools, Linux, Solaris. Astute Networks, 16868 Via Del Campo Ct. Suite 200, San Diego, CA 92127, jobs@astutenetworks.com, Reference #SE006

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September 2002