THE UNIVERSITY OF ALBERTA
DEPARTMENT OF COMPUTING SCIENCE

Applications are invited for three tenure track positions at the assistant/associate professor level. The department is currently involved in an expansion program to meet increased student enrollments. Candidates must have a Ph.D. in computing science or related field; demonstrated equivalent achievement in education and research. Responsibilities include teaching at the graduate and undergraduate levels and research. Candidates from all areas will be considered, although preference will be given to those with expertise in the area of VLSI, software systems, networks, programming languages, software engineering, artificial intelligence and computer architecture. At least one appointment will be made in the area of VLSI or software systems. Current hardware support includes an AMDAHL 5870, a network of VAX 11/780's, PDP 11's and well equipped mini and micro computer laboratories.

Salary and rank commensurate with qualifications and experience. Send curriculum vitae and names of at least three references to:

Assistant/Associate Professor Search Committee
Department of Computing Science
University of Alberta
Edmonton, Alberta
T6G 2H4

Applications will be accepted until December 31, 1984. The University is an Equal Opportunity Employer but in accordance with Canadian Immigration Requirements will be given to Canadian citizens and permanent residents of Canada.

TULANE

The Department of Computer Science invites applications for faculty positions at all levels beginning January or September 1985.

Tulane is a major private university, selective in enrollment and comprehensive in scope, with about 10,000 undergraduate and graduate students. The campus is located in a residential area of uptown New Orleans, one of America's most distinctive cities. The Department of Computer Science, which offers degrees at all levels through the PhD, has been specially targeted within the University for growth over the coming three years, with an anticipated increase in faculty positions of 75% to 100%.

Departmental computer systems include a VAX 11/780 with 6 MB main memory running under Unix, numerous LSI-11's, and several microcomputer clusters. The Pyramid is designed for research and teaching. Instructional systems are divided between research and teaching. Departmental peripherals include a laser printer, line printers, and several letter quality impact printers, as well as the usual faculty and student terminals. In addition to departmental resources, the University maintains two DEC 2060 systems.

Candidates should have a Ph.D. in Computer Science or a related area. Research excellence or demonstrated research potential and a commitment to quality teaching are more important than any particular area of specialization. Departmental research specialties include artificial intelligence, software engineering, formal languages, and distributed processing.

Applications should be directed to Dr. Johnette Hassell, Head, Department of Computer Science, Tulane University, New Orleans, LA 70118. Applications must be received by October 1, 1984 for January appointment or February 15, 1985 for September appointment. Tulane University is an Affirmative Action Equal Opportunity Employer.

WANG INSTITUTE OF GRADUATE STUDIES
School of Information Technology
Software Engineering Professionals

Faculty applications are being accepted from software engineering professionals having extensive academic and industrial software design, implementation, and management experience. One-year visitor positions are also sought. Expected duties include teaching, closely interacting with students, supervising production and quality software development projects and participating in curriculum development for the School's Master of Software Engineering degree program.

The Wang Institute is located near the heart of Boston's high tech corridor and offers a unique environment for academic and professional growth. Instructional computing facilities include a VAX 11/780, a Prime 750, a Wang V5 100, Apollo DOMAINS, color graphics and local network.

Qualified applicants should submit the names of three references and resume stating professional specialties, areas of past software development or management efforts to:

Faculty Search Committee
Wang Institute of Graduate Studies
670 Huntington Avenue
Boston, Massachusetts 02115

Applications are invited for tenure track and visiting positions at all levels in (a) Computer Graphics, (b) Business Computing, (c) Operating Systems, (d) Silicon Compilers/Computer Aspects of LSI; other areas of computer science will also be considered. Applicants should have a Ph.D degree in computer science or related field. The department presently has 26 full-time professors, it offers both undergraduate and graduate programs in English with an enrollment of over 1000 students. Apply giving resume and names of at least three references to:

Dr. R. De Mori, Chairman
Department of Computer Science
Concordia University
1455 de Maisonneuve Blvd. West
Montreal, Quebec H3G 1M8

Canada

In accordance with Canadian Immigration requirements, this advertisement is directed only to Canadian citizens and permanent residents of Canada.

ROCHESTER INSTITUTE OF TECHNOLOGY

Faculty Position in Computer Engineering

The Department of Computer Engineering has an excellent tenure track faculty position available at the assistant or associate professor level. Applicants will be expected to have a strong teaching interest and the ability to contribute to curricular evolution. Research in the areas of design automation, computer architecture, operating systems, VLSI design, and computer communications will be encouraged. This position affords unique opportunities to work in the hardware/software interface and to exercise significant influence on research, laboratories, and curricula. Applicants should have completed a Ph.D degree in computer engineering or a related area by the time of appointment. Applicants should submit a resume and arrange for three letters of recommendation to be sent to Dr. Roy S. Czerniakowski, Dept. of Computer Engr., Rochester Institute of Technology, Rochester, NY 14623. RIT is an equal opportunity affirmative action employer.

MS/PhD Questionnaire

Computer Science
OR ELECTRICAL ENGINEERING

To provide leading edge technical training to Fortune 500 customers. Knowledge of Data Communications required. Teaching experience a plus. Good benefits. Salary commensurate with experience. Send resume in confidence to:

HILL ASSOCIATES, INC.
The Champlain Mill #36
One Main Street
Winoooski, Vermont 05404

Computer * Thought Corporation
Software Engineer

Full-time beginning immediately.

Requirements: M.S. degree or Ph.D. in Computer Science or Computer Engineering or equivalent industry experience with background in compiler theory, developing and maintaining large software systems. Experience with Ada, DoD Standard projects, LISP and LISP Machines also desirable.

Excellent benefits and incentives. attractive surrounding and sophisticated working environment.

Send resume to Personnel Director. Computer * Thought Corporation, 1721 W. Plano Pkwy, Suite 125, Plano, Texas 75075.

An equal opportunity employer.

340 COMPUTER

RATES. $8 per line. $80 minimum charge (up to ten lines). Average six typed words per line. Nine lines per column inch. Add $8 for a third column. Send copy at least six weeks prior to month of publication to: Jonne Marriott, Classified Advertising, COMPUTER Magazine, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720.

To allow sufficient time for distribution of the magazine, schedule your job application deadlines at least three weeks after issue date (e.g., deadline of Feb. 21 to send applications re- responding to ad appearing in Feb. issue.) Note: IEEE Computer Society member ads for positions $10 up to 10 lines, $1 per line thereafter. Situations wanted ads run free for unemployed society members. Include IEEE member number in either case.

In order to conform to the Age Discrimination in Employment Act (5870) to encourage age discrimination, COMPUTER may reject any advertisement containing any of these phrases or similar ones: *... recent college grad...* (4 years maximum experience), *...4 years maximum experience...* or *...4 to 5 years experience...* or *...4 to 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.
McGill University, School of Computer Science

The School of Computer Science at McGill is seeking a new Director. The School is about to undergo a major expansion, particularly in the Systems area. The successful candidate will have a Ph.D. in an appropriate discipline and a proven research record. The appointment will be at the Associate or Full Professor level, salary will be commensurate with position.

In accordance with Canadian Immigration regulations, this offer is addressed to Canadian citizens and landed immigrants, in the first instance.

Head, Computer Science
North Carolina State University

North Carolina State University invites nominations and applications for the position of Head of the Department of Computer Science. The Department’s full time faculty of 27 teach both graduate and undergraduate courses and conduct research in a wide variety of topics. Current faculty is approximately 900. The faculty and 100 graduate students.

North Carolina State University is a student body of about 23,000 and is a large and rapidly growing graduate research institution. With the University of North Carolina at Chapel Hill and Duke University, it defines the internationally prominent, educational-research complex known as the Research Triangle of which the Department of Computer Science plays an integral part.

Applicants must hold the earned doctorate in Computer Science or a related discipline and have a solid record of distinctive scholarly productivity and some administrative experience. The 12-month appointment carries tenure and the rank of full professor. The nationally competitive salary will be commensurate with qualifications and experience. A resume and the names, addresses and telephone numbers of four references should be addressed to Dr. William J. Stewart, Department of Computer Science, Box 8206, North Carolina State University, Raleigh, N. C. 27695-8206. NCSU is an affirmative action equal opportunity employer.

Chair, Division of Computer Science
University of California, Davis

The College of Engineering, University of California, Davis campus, is seeking a senior faculty member to lead its new Division of Computer Science to eminence. The Division has been allocated, initially, 15 full-time equivalent faculty positions. We are recruiting for several positions at all levels. At least two of the open positions can be filled with senior level faculty who have outstanding qualifications in the field of computer science.

Qualifications for this position include an outstanding record of research in an area of computer science, demonstrated teaching ability, sensitivity to and experience with a complex University campus, and a potential for leading the faculty to develop excellent research and instruction programs. Applicants should send a resume and letter of interest to: Associate Dean Ray B. Krone, College of Engineering, University of California, Davis, CA 95616.

The University of California is an Equal Opportunity Affirmative Action employer. The position is open until filled.

University of Virginia
Chairman, Department of Computer Science

The University of Virginia invites applications and nominations for the position of Chairman of the Computer Science Department.

The University of Virginia is an equal opportunity employer. The University of Virginia invites applications and nominations for the position of Chairman of the Computer Science Department.

The University of Virginia, founded in 1819, is located in Charlottesville, a town of 80,000 in central Virginia next to the Blue Ridge Mountains. The department is committed to excellence in research, teaching, and service.

The position carries a 9-month appointment with a 3-month summer appointment.

Applications and nominations should be addressed to Dr. Peter Bellanger, Dean of Engineering, The University of Virginia, 817 Sherbrooke Street West, Montreal, Quebec, H3A 2K6. In accordance with Canadian Immigration regulations, this offer is addressed to Canadian citizens and landed immigrants, in the first instance.

University of Illinois at Chicago

Several tenure-track faculty positions in Computer Science at both junior and senior level are available. An earned Doctorate in CS or EE is required. Outstanding candidates in all areas of Computer Science and Engineering will be considered, with particular preference given to those in Computer Architecture, VLSI Design, Artificial Intelligence, Analysis of Algorithms, and Distributed Operating Systems. Send resume, list of publications, and the names of at least three references to: Professor C.T. Yu, Chairman of Faculty Search Committee. Department of Electrical Engineering and Computer Science, University of Illinois at Chicago, P.O. Box 4348, Chicago, IL 60680. All letters for non-U.S. citizens, please state visa status. The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

Chairman, Department of Computer Science
University of Santa Clara

Applications are invited for a tenure track position in Computer Science, available in September 1985. Applicants should have qualifications in one or more of Compilers, Programming Languages, Artificial Intelligence, Operating Systems, Microprocessors, Computer Graphics or Computer Architecture. Rank and salary are open. All Applicants should have a Ph.D. in Computer Science.

The successful candidate to teach, curriculum development and research is required: industrial experience is desired. The University of Santa Clara is located in the middle of the Silicon Valley and summer support by local industry can be arranged. Send resume and names of at least three references to: Professor Dan Lewis, Department of Electrical Engineering and Computer Science, University of Santa Clara, Santa Clara, CA 95053. An Equal Opportunity/Affirmative Action Employer.

University of Vermont

Applications are invited for several tenure track positions in Computer Science at the assistant or associate professor level. A Ph.D. in computer science or a closely related discipline and an active research interest in some area of main interest to the department: computer science, artificial intelligence, VLSI, computer graphics, computer networks, and real-time systems. Teaching loads for new faculty are kept low to allow ample time to initiate research programs. The Division of Engineering and Applied Science, which the department is located, has a new computing facility for support of research and advanced coursework. Equipment includes a VAX-11/780 and a VAX-11/750, each running 4.2 BSD UNIX, and a PDP-11/55 and a PDP-11/23, each running 2.9 BSD UNIX, all interconnected via a local area network. Document preparation is supported with a high-quality laser printer. The facility is a subscriber to USENET and a member of CSNET. In addition, the University Activities Computing Center has a DEC 2060 and a Harris 800 available for faculty use. IBM, DEC, GE others have substantial operations nearby, providing opportunities for consulting. These positions are presently available, and applications will be accepted until they are filled. Please send a resume and three letters of reference to: Dr. Fred Evening, Chairman, Department of Computer Science and Electrical Engineering, 309 Votey, University of Vermont, Burlington, VT, 05405. (802) 656-3330, or to CSNET address cnet@csnet-vcon. The University of Vermont is an Affirmative Action Equal Opportunity Employer.

Chairman, Department of Computer Science
Lehigh University

Several tenure track Assistant Professorships are available beginning January 1986 or later in Lehigh University’s department of Computer Science and Electrical Engineering. We are seeking individuals with Ph.D. degrees who have a love of teaching and the motivation and drive for conducting frontier research. Preference will be given to individuals with expertise in artificial intelligence, algorithms and VLSI designs for parallel architectures, database systems, digital control and robotics, software engineering, computer hardware and software engineering. If you possess these qualifications, we are interested in showing you the opportunities at Lehigh University in the beautiful Lehigh Valley. Send your application to Eric Thompson, Chairman, Computer Science and Electrical Engineering, Packard Laboratory #19, Lehigh University, Bethlehem, PA, 18015 preferably by November 15, 1984. Lehigh University is an EO/AA employer.
ALABAMA A&M UNIVERSITY

Applications are invited for tenure-track faculty positions in the Department of Computer and Information Sciences starting January 1985. Rank and salary open. Candidates should have a Ph.D. in Computer Science or a closely related area, or M.S. with a major in Computer Science, and strong research interest, particularly in database, computer graphics, robotics, artificial intelligence, computer architecture, or programming languages. Send resume to: Dr. H. Saha, Chairman, Computer and Information Sciences Department, Alabama A&M University, Normal (Huntsville), Alabama 35875. Applications will be accepted until the positions are filled. An affirmative action/equal opportunity employer.

QUALIFICATIONS

Applicants should have a college or university degree in a relevant area and significant experience as a leader of a major computing operation. Experience should include the development and support of applications for administration, education and research. Familiarity with computing facilities in a university is desirable. A thorough working knowledge of state-of-the-art hardware and software technologies is required. In choosing a candidate, the Search Committee will look for evidence of leadership and planning ability, technical knowledge, and management and interpersonal skills.

Send nominations and applications to:
Maurice Glickman
Provost and Dean of the Faculty
Box 1945
Brown University
Providence, RI 02912

The deadline for completed applications is October 15, 1984.

BROWN UNIVERSITY IS AN EQUAL OPPORTUNITY AFFIRMATIVE ACTION EMPLOYER

VICE PROVOST FOR COMPUTING AND INFORMATION SERVICES

The Vice Provost for Computing and Information Services leads an organization responsible for meeting the computing and information needs of the faculty, staff and students of Brown University. Areas of responsibility include the development, management and support of administrative and academic applications on both centralized and distributed systems. Brown is engaged in an effort to develop a new computing and information and communications environment based on hierarchies of networks of graphics-based, personal computer workstations, with access to mainframe computing and information servers. The success of this endeavor depends upon implementing an effective and graceful migration strategy from a centralized to a distributed environment. The Vice Provost will be expected to lead the reshaping and development of the current computing service organization so that they can provide the University community with the support and new tools necessary to meet its growing needs in education, research and administration. Increased financial and personnel resources are being provided to assist this development.

Close cooperation among the computing and information services organizations, the basic research group (Department of Computer Science), and the systems research and development organization (Institute for Research and Information and Scholarship) is required. The Vice Provost should have the skills both to collaborate with these groups and to implement operational plans successfully. The Vice Provost will report to the Provost and must work closely with the Senior Vice President for Finance and Administration and other senior administrative officials.

MISSISSIPPI STATE UNIVERSITY invites applications for tenure-track computer science and computer engineering faculty positions beginning January 1985 or August 1985. A doctorate in computer science, computer engineering, or closely related area is required. The position is commensurate with ability and qualifications. Send resume to: Dr. H. Saha, Chairman, Computer and Information Sciences Department, Alabama A&M University, Normal (Huntsville), Alabama 35807. Applications will be accepted until the positions are filled. An affirmative action/equal opportunity employer.

Department Head
COMPUTER SCIENCE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

The University of Illinois at Urbana-Champaign invites applications and nominations for the position of Chair of the Department of Computer Science in the College of Engineering. The Department of Computer Science conducts an outstanding educational and research program, emphasizing major technical specialties of the profession. The Department currently has approximately 33 full-time faculty members, 350 graduate students and 1400 undergraduate majors in several curricula, teaches courses in computer science for other units and offers degrees at bachelor's, master's, and doctoral levels. The Chair is the chief administrative officer and is responsible for the department's programs, students and faculty. The Search Committee seeks a distinguished computer scientist with experience in a university environment, strong research credentials, and proven leadership capabilities. The Chair also holds the rank Professor of Computer Science with tenure. Salary is negotiable with appointment to commence on or before August 21, 1985. The deadline for receipt of applications is December 1, 1984. All applications received by this time are assured consideration, but the search will continue until the position is filled. Applicants should send a curriculum vitae and the names, addresses, and phone numbers of five references to:
Professor R. O. Simmons, Chairman
Search Committee for the Head of
Department of Computer Science
106 Engineering Hall
University of Illinois
1308 W. Green Street
Urbana, Illinois 61801
Phone: 217/333-3760

The University of Illinois at Urbana-Champaign is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF CALIFORNIA, DAVIS FACULTY POSITIONS IN ELECTRICAL AND COMPUTER ENGINEERING/COMPUTER SCIENCE

The Department of Electrical and Computer Engineering/Computer Science at the University of California, Davis, invites applications for several tenure-track faculty positions.

With the formation of its new Computer Science Division, the Department is growing rapidly and has been allocated a number of new positions. We are looking for Dynamic Faculty with strong research records and ambitious plans.

The Department covers the whole spectrum of activities from Electrical Engineering and Computer Engineering to Computer Science in a College of Engineering which is one of the major Ph.D. granting colleges in the nation. We are recruiting in most areas and especially for ELECTRICAL AND COMPUTER ENGINEERING in:

- Electronics and CAD
- Microwave Engineering and Microwave IC
- Computer Engineering and Microprocessor Based Digital System Design
- Signal and Image Processing and Pattern Recognition

For the COMPUTER SCIENCE DIVISION, the major interest is for strong candidates with specializations in:

- Programming Languages and Compilers
- Computer Architecture
- Digital System Design
- Computer Communications and Networks
- System Software and User Interface
- CAD/VLSI Software

Positions are available at all ranks. In several areas, we wish to attract candidates with outstanding research records for high level appointments.

Candidates must have a Ph.D. or equivalent. Positions are available immediately and are open until filled. Send resumes, copies of recent publications, and names of professional references to:

PROFESSOR V. RALPH ALGAE, CHAIR
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING/COMPUTER SCIENCE
UNIVERSITY OF CALIFORNIA
DAVIS, CA 95616
(916) 752-0583

THE UNIVERSITY OF CALIFORNIA, DAVIS IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER.