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

Wang Institute provides a unique educational environment that combines the best features of academia and industry. Faculty members teach one graduate course per semester, interact closely with small numbers of graduate students who have industrial experience, supervise production quality software projects, and pursue their individual research projects.

Positions are available for full-time faculty members who have experience in using and teaching the technical and managerial principles of software engineering. Faculty members receive industrial-level salaries and are provided with sufficient equipment and support staff to achieve their professional goals. Each faculty member is expected to maintain a reasonable balance between research in software engineering and exposition of that material in the classroom and in ongoing consulting and administrative activities.

The campus of the School of Information Technology is located near the Boston hi-tech and university areas which provide rich environments of academic, cultural, and professional activities. Instructional computing facilities at Wang Institute include a VAX 11/750 (VMX), a VAX 11/780 (UNIX), a Prime 750, a Wang VS100, Apollo D-Mains, and IBM, Apple, Wang, and Hewlett-Packard personal/professional computers. A growing collection of software tools for software engineering is maintained by the staff of the Wang Institute Software Environment project.

Applications should submit the names of at least three references and a resume that indicates professional specialties, teaching experience, and experience in the practice of software development and/or software management to: Richard E. Fairley, Faculty Chair, Wang Institute of Graduate Studies, 780 Phillips Road, Danvers, Massachusetts 01923.

SEARCH REOPENED—ELECTRICAL AND COMPUTER ENGINEERING
Trinity College

Applications are invited for a tenure-track position in the Department of Engineering and Computer Science at Trinity College starting September 1988. The initial appointment will be for a term of three years. Responsibilities include developing and teaching undergraduateelectrical and computer engineering courses at Trinity College and The Hartford Graduate Center, fostering interdisciplinary activity related to electrical engineering and computing, and conducting research within the discipline. The Ph.D. in Electrical or Computer Engineering is required. Salary and level of appointment commensurate with experience. Applicants should submit a detailed curriculum vitae and a list of three references to: Professor Joseph D. Bronczek, Chairman, Department of Engineering and Computer Science, Trinity College, Hartford, CT 06106. Applications must be received by December 1, 1985. Trinity College is an equal opportunity affirmative action employer.

SIMON FRASER UNIVERSITY
School of Computing Science

Applications are invited for a tenure track position from all areas of specialization in Computing Science. The School has a special interest in Graphics, Software Engineering, Distributed Systems, VLSI Design, Artificial Intelligence, and Database Systems. A Ph.D. in Computing Science (or equivalent) is required. Candidates with prior experience should have a record of research and publications, graduate student supervision and teaching. Responsibilities will include teaching at the graduate and undergraduate levels, research, and the usual administrative activities.

Simon Fraser University is situated on the top of Burnaby Mountain and serves 12,000 students. Lying just east of Vancouver, the site commands magnificent views of Burrard Inlet, the mountains, the Fraser River, and the Vancouver Harbour. This Lower Mainland area of British Columbia is unique in Canada for its mild climate and varied recreational facilities.

The School of Computing Science, one of the largest in Western Canada, has over 20 faculty members and offers B.Sc. and B.A. degrees in Computing Science, B.Sc. honours degree in Digital Systems Design, and an M.Sc. and Ph.D. degree in Computing Science. The School currently has over 600 majors and 70 graduate students.

Computing Science operates several gatewayed local area networks in conjunction with the Laboratory for Computer and Communications Research. These LAN's comprise several VAXes, over 20 SUNEs, 2 IRIS workstations, an IIS workstation, 2 Lisp machines, and a multitude of other microprocessors and specialized (VLSI) laboratories. The Laboratory operates a central computer facility including IBM 3081 and 4341. There is also a raster-scan graphics facility available for faculty research.

Preference will be given to candidates who are eligible for employment in Canada at the time of application. Applications from candidates not presently eligible for employment in Canada will be acknowledged; employment considerations for such candidates will be deferred until a Canadian search is complete. Positions are subject to budgetary authorization. Applications will be accepted until position is filled. To apply, send a curriculum vitae and the names of three referees to:

Chairman of the Search Committee
School of Computing Science
Simon Fraser University
Burnaby, British Columbia V5A 1S6
Canada

COMPUTER SCIENCE CHAIRPERSON
SUNY AT GENESSEE

Professor or Associate Professor rank for department with undergraduate B.S. degree program. Requires teaching ability in Pascal or FORTRAN, plus a background in two or more of the following: theory of programming languages, operating systems, computer architecture, data communications, or theoretical computer science. Ph.D. in computer science or Ph.D. in other area with
related experience and background in computer science required. Apply to V. Kemp, Assistant Vice President Academic Affairs, State University College at Geneseo, Geneseo, NY 14454. Applications should be received by November 1, 1985. Affirmative Action/Equal Opportunity Employer.

**COMPUTER SCIENCE AND ENGINEERING FACULTY POSITIONS**. Invitations are invited for tenure-track and visiting faculty positions at the Assistant, Associate and Full Professor level beginning January 15 or September 1, 1986. Candidates from all areas of specialization in computer science and engineering will be considered in conjunction with the following areas of interest. The following theoretical and experimental areas are of particular interest: software engineering, artificial intelligence, expert systems, databases, distributed computing, robotics, computer networks, digital systems design, computer architecture, computer graphics, and computational complexity. A Ph.D. in Computer Science, Computer Engineering, or (equivalent experience as demonstrated through research and professional stature) is required. Rank and salary are dependent upon background and experience. Individuals interested in a one-year visiting appointment at any level, including Lecturer, are encouraged to apply. Equipment, facilities, and support for the position are available in the department. 

The Department has established programs leading to the B.S., M.S., and Ph.D. degrees in Computer Science and Engineering. The closely affiliated Computer Applications and Research Center houses Laboratories for robotics, imaging processing, and graphics and CAD graphics. The computational facilities available include three DEC VAX's running UNIX, a SELLIGAUD 32/870, Silicon Graphics IRIS workstations, and numerous microprocessor based systems. Other active research projects include knowledge-based systems, mobile communications networks, computer aided-instruction, languages for automated theorem proving, programming environments and real-time operating systems. Access is readily available to the University's dual IBM 3081 Model K system (VM/MS) and to CSNET. The University is located in an area of low population density with an excellent local school system, moderate cost housing and within an easy drive to Boston or New York City. Applications should include a detailed resume and the names of the three references to: Fred Maryanski, Chairman, Computer Science and Engineering Department, 15-157, EDCC Dept., University of Connecticut, Storrs, CT. 06268. (Search # 6A4, 6A5, 6A7, 6A8).

**WASHINGTON STATE UNIVERSITY**. Department of Electrical and Computer Engineering, invites applications for several tenure track and visiting faculty positions beginning either in January or August of 1986. Tenure track candidates must have an earned doctorate in Electrical, Computer Engineering or a closely related field and contribute in teaching and research. Major emphasis will be placed on those areas with expertise in computer engineering or solid state electronics, but qualified candidates in all areas will be considered. Rank and salary are negotiable and will be based on qualifications. Duties include instruction and conduct of research, supervision of graduate students, and teaching at the graduate and undergraduate levels. The department offers an EAC/ABET accredited BSEE degree and has MSEE and Ph.D. programs. Currently there are about 600 undergraduate students and 80 graduate students. Strong research programs exist in control systems, computer engineering, electromagnetics, power, and solid state electronics. Resumes with names of three references should be sent to the Faculty Search Committee, Department of Electrical and Computer Engineering, Washington State University, Pullman, WA 99164. Screening of applicants for January, 1986 appointment will begin October 15, 1985. Washington State University is an Equal Opportunity/Affirmative Action Employer.

**FACULTY POSITION IN COMPUTER ENGINEERING**. The Division of Engineering of Brown University announces a tenure-track position in Electrical Engineering starting in January, 1986. The appointment will be made at the Assistant Professor level. Applications are sought from candidates with a Ph.D. or equivalent degree in electrical or computer engineering. The applicant should have a strong commitment to high-quality research and to teaching at both graduate and undergraduate levels. Expertise in one or more of the following disciplines is being sought:

- Applied Artificial Intelligence: Application and development of AI theory of speech recognition, computer vision, robotics, or computer-aided design (CAD) engineering.
- Computer and Communication Networks: Mathematical analysis and implementation.
- Computer Architecture: Parallel, distributed, and high-speed computer architectures. The appointee will be a member of the Laboratory for Engineering Man/Computer systems (LEMS), and thus have immediate access to equipment, support staff, and close interaction with the five current LEMS faculty. LEMS is a dynamic research focus for computer engineering in which a theory/practice, cooperative, in-
COMPUTER SCIENCE POSITION

The University of Missouri-Rolla Graduate Engineering Center in St. Louis invites applications for a tenure-track position in the area of Computer Science. A doctorate and research interest are required. Desired areas of specialization include but are not limited to Operating Systems, Programming Languages, Computer Architecture and Organization. Responsibilities include a combination of graduate teaching, research and supervision of graduate students. Applications which include curriculum vitae and the names, telephone numbers, and addresses of three references and nominations, should be sent to Dr. Edward C. Bertoloni, Director, UMR Graduate Engineering Center, 8001 Natural Bridge Road, St. Louis, MO 63121. Application deadline is November 1, 1985, or until the position is filled. UMR is an affirmative action equal opportunity institution.

Chair, Department of Electrical Engineering
University of California, Irvine

The School of Engineering of the University of California, Irvine (UCI) invites applications and nominations for the position of Chair of the Department of Electrical Engineering. The present size of the Department is 15 full-time faculty. The Department expects to add 11 to 15 faculty positions plus 2 replacements of retired faculty within the next six years. The School of Engineering has a new dean and commitments for substantial additional resources. The intention is to make the Department of Electrical Engineering a premier academic unit.

Current interests include computer engineering, image engineering, optical and solid state electronic devices and materials, signal processing, telecommunications, robotics and control theory, integrated circuits, and computer aided design. A major expansion in computer engineering and high-speed electronic devices is planned.

UCI is located in the center of the dynamic Southern California region with the largest concentration of high-technology companies in the United States. The local electronics manufacturing activity is one of the largest in the world.

The new chair is expected to provide strong leadership in new faculty recruiting, effective utilization of the current intellectual resources, and development of industrial interaction. The individual should have demonstrated the ability to be an effective leader and to conduct significant research.

Address applications and nominations to:
Chairman, EE Search Committee
Room 444E, Engineering Building
University of California, Irvine
Irvine, CA 92717

Applications should include complete resume with five references. Applications will be received until the position is filled. UCI is an Equal Opportunity/Affirmative Action Employer.

The Ohio State University
Department of Computer and Information Science

Applications are invited for faculty positions at all levels. A Ph.D. in computer science or a closely related field is required. Special interest is in the areas of computer graphics, artificial intelligence, VLSI design, distributed computing, and software engineering. Special research support packages are negotiable for highly qualified candidates.

Research computing facilities within the Department include DEC 2060, VAX 11/780, IBM 4341, AT&T 3B2, INTEL 432, Lisp machines, and Sun and HP workstations. In addition to the University's powerful computing facilities (IBM 3081-D, etc.), the Department also has access to national networks (including ARPANET) via CSNET/X25Net.

To apply, please send application and resume, including the names and addresses of at least three references, to Prof. Ming T. (Mike) Liu, Chairman of Faculty Search Committee, Department of Computer and Information Science, The Ohio State University, 2036 Neil Avenue, Columbus, OH 43210-1277. The Ohio State University is an equal opportunity/affirmative action employer.

A CRITICAL STRETCH OF IMAGINATION...

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