RATES: $9.50 per line, $95 minimum charge (up to ten lines). Average six typewritten words per line, nine lines per column inch. Add $2 for box number. Send copy at least six weeks prior to month of publication to: Sandra J. Arteaga, 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 four weeks after issue date (e.g., deadline of Nov. 28 to send applications responding to ad appearing in Nov. issue.)

Note: IEEE Computer Society member ads for positions wanted $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 and to discourage age discrimination, COMPUTER may reject any advertisement containing any of these phrases or similar ones: "... current college grad..." "... 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 ENGINEERING

University of Minnesota, Duluth. Up to five temporary, full-time faculty positions. Duties include teaching lecture and lab courses; specific areas include, but are not limited to, computer hardware and interfacing, electronics, microprocessor development and telecommunications. Develop laboratories. Perform departmental duties. At least one degree in electrical, electronic, or computer engineering, M.S. required for instructor; Ph.D. required for assistant professor level (Ph.D. candidates who have completed all requirements except dissertation are encouraged to apply). Teaching and industrial experience desirable. Beginning date: September 1, 1985. Application deadline: Friday, July 26, 1985. Send resume and letter of application to: Dr. James Tseng, Head and Professor, Computer Engineering, University of Minnesota, Duluth, 271 MWAH, Duluth, MN 55812-2496. Request three letters of reference be sent directly to the above address. Please also include citizenship and/or visa status information. The University of Minnesota is an equal opportunity educator and employer and specifically invites and encourages applications from women and minorities.

Artificial Intelligence

RESEARCH POSITIONS

Full time Research Engineer/Research Scientist positions are available in the Institute for Artificial Intelligence in the School of Engineering & Applied Science on multi-year research projects. Research areas include: building management information systems, decision support systems, expert systems, and virtual interfaces for a variety of U.S. military applications. Salary commensurate with qualifications; Master's degree desirable.

Send resume and list of references to:
Dr. B.G. Silverman
Department of Engineering Administration
School of Engineering & Applied Science
THE GEORGE WASHINGTON UNIVERSITY
Washington, D.C. 20052

We are an Equal Opportunity/Affirmative Action Employer

WAG INSTITUTE OF GRADUATE STUDIES

School of Information Technology
Software Engineering Faculty

Wang Institute provides a unique educational environment that combines the best features of academic 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 individual research interests.

Positions are available for full-time faculty members and one-year visitors 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 staff support 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. Teaching ability and an interest in graduate-level education is essential.

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 (VMS), a VAX 11/780 (UNIX), a Prime 750, a Wang VS100, Apollo DOMAIN, 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.

Applicants should submit the names of three references and a resume that indicates professional specialty areas, teaching experience, and experience in the practice of software development and/or software management to: Richard E. Fairey, Faculty Chair, Wang Institute of Graduate Studies, 1641 Tyng Road, Tyngsboro, Massachusetts 01879.
The Ultracomputer project at the Courant Institute of Mathematical Sciences, New York University, has immediate openings for experienced system software research and development people. The Ultracomputer is an MIMD-share-memory architecture consisting of thousands of processing elements all accessing multiple memory modules via a multistage interconnection network. Project participants will contribute to the development of software for the following areas: further elimination of serial bottlenecks in the kernel; design of new critical-section-free algorithms and data structures; improved operating system support for parallel applications; parallel languages and tools for parallel application development; parallel debuggers; upgrading to 42 BSD; support for newer prototype hardware; protection and monitoring; enhancements of monitoring facilities; operating system testing; hardware diagnostics and general software support.

Two-year VLSI experience is highly desirable. Salary is competitive. Benefits include four weeks annual vacation and tuition for self, spouse, and children. Send resume to Prof. Allan Goldman, Department of Computer Science, Courant Institute of Mathematical Sciences, 251 Mercer Street, New York, NY 10012. NYU is an equal opportunity affirmative action employer.

Centre de Recherche Informatique de Montreal (Computer Research Institute of Montreal) is a consortium of five Montreal universities with strong industrial links. CRIM has available some $2.4 million worth of computing equipment in addition to existing university-based equipment. Currently, there are 65 university researchers associated with CRIM’s four research teams. CRIM is seeking research personnel to work with its teams in Computer Communications and in the design of reliable VLSI circuits. It is probable that successful candidates would also be offered a link with one of CRIM’s member universities. This link would involve the supervision of graduate students and the teaching of one or two courses per year. Candidates must have an earned doctorate with research expertise relevant to the interests of the team. Bilingualism (English/French) would be an asset, but is not a pre-requisite.

Work in computer communications is focussed on LAN’s, fiber technology, voice-data integration, inter-netting, performance evaluation, communications software, formal specifications, protocol development environments, applications to office automation and distributed processing, voice and graphic interfaces to videotex and other databases. Work in VLSI is directed towards symbolic design and design automation, design verification, testing, concurrent detection and fault tolerant technologies.

In accordance with Canadian immigration regulations, this advertisement is directed in the first instance to Canadian citizens and permanent residents of Canada. If no suitable candidates are found, the search will be extended to include other candidates.

Applicants should send a resume and a list of three references to:

Dr. J. C. Giguere,
Director of CRIM
P.O. Box 15167, Station H
Montreal, Quebec
H3G 2W5

The University of Virginia
Department of Computer Science
Charlottesville, Virginia
125950

The Department of Computer Science invites faculty applications at all levels. The University, founded by Thomas Jefferson in 1819, is located in Charlottesville, a town of 100,000 in central Virginia next to the Blue Ridge Mountains. The department offers the B.S., M.S., M.C.S. and Ph.D. degrees in Computer Science and is committed to graduate research and education. We have a full time faculty of 17 which has been increasing at a rate of two positions per year. Our VAX 11/780 running UNIX, our network of 10 Apollo, and our color graphics workstations are used exclusively for research. Educational computing is supported by two CYBERs, seven PRIMES, 150 microcomputers, a graphics lab, and a CAD/CAM center. All machines are interconnected through a campus LAN.

Applicants must have a commitment to teaching and research. Our research activities include systems software, fault-tolerant systems, soft-ware engineering, programming languages, designing and parallel and distributed computing, database management, networks and communications, and theoretical computer science.

Send applications to Dr. Alfred C. Weaver, Chairman, Department of Computer Science, Thorn- ton Hall, University of Virginia, Charlottesville, Virginia 22903. The University is an equal opportunity/affirmative action employer.

Salary is competitive and commensurate with experience and qualifications. Qualified applicants should submit a resume that details innovations in management accomplishments and technical expertise as well as the names of three references to: Professor Peter A. Ng, c/o Department of Computer Science, University of Missouri-Columbia, MO 65211, or call Dr. Ng for more information at (314) 882-3842.

The University of Alabama
Endowed Professorship in Electrical Engineering (Digital Computers)

The Department of Electrical Engineering is pleased to announce that The University of Alabama has established an endowed professorship in digital circuits/microprocessor applications. The position provides outstanding professional opportunities and a highly competitive salary for a person who is nationally recognized expert in the field. A significant equipment budget will be provided to help develop a center of excellence in the applicant’s area of specialization.

The Electrical Engineering Department is taking a leadership position on campus and within the State of Alabama to develop funded research and quality academic programs. In addition to federally funded research, potential funding is available with local industries and within the State of Alabama for research in robotics, microprocessor applications, digital control, signal and image processing, computer architectures, and real-time systems.

Nominations or applications should be sent to Dr. G. C. Apri, Box 168, University, Alabama 35486. Additional information can be obtained by calling (205) 348-4040.

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