CLASSIFIED ADS

RATES: $9.50 per line, $90 minimum charge (up to ten lines). Average six type-set words per line, nine lines per column inch. Add $5 for box number. Send copy at least six weeks prior to month of publication to: Sandra J. Artega, Classified Advertising, COMPUTER Magazine, 10862 Los Vaqueros Circle, Los Alamitos, CA 90720.

To allow sufficient time for distribution of the magazine, schedule your job application deadline 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, 1000 will not reject any application containing any of these phrases or similar ones: "...recent college grad...", "...under 25 years of age...", "10 years of experience...", "10 years minimum 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.

THE UNIVERSITY OF ALBERTA
DEPARTMENT OF COMPUTING SCIENCE

Applications are invited for three tenure-track positions at the assistant/associate professor level. Candidates must have a Ph.D. in computing science or related field. Responsibilities include research as well as teaching at the graduate and undergraduate levels. Candidates from all areas will be considered, although preference will be given to those with expertise in the areas 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 5800, a network of VAX 11/780's, and well equipped mini and microcomputer laboratories; access to a Cyber 205 is available. Salary range is $30,316 to $48,970 and is commensurate with qualifications and experience. Send curriculum vitae and names of three references to: Dr. Lee White, Chairman, Department of Computing Science, University of Alberta, Edmonton, Alberta, T6G 2H1. Applications will be accepted until December 31, 1985. The University of Alberta is an equal opportunity employer but in accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. All qualified applicants are strongly urged to apply.

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science anticipates having several tenure-track positions available beginning September 1986 and is seeking qualified applicants at senior professorial levels. Normally, completion of the Ph.D. is required. Evidence of extraordinary research achievement is expected. The positions will entail teaching at both the undergraduate and graduate levels. In addition, candidates should have a proven track record in the establishment of significant, extramural research projects and to have acquired national, and preferably international, visibility. Applicants are encouraged to respond as soon as possible; applications will be received until positions are filled. Send resume containing names of at least 8 references to: Chairperson, Search Committee, Department of Computer Science, University of California, Santa Barbara, Santa Barbara, CA 93106. The University of California is an Affirmative Action, Equal Opportunity Employer.

DEPARTMENT CHAIR COMPUTER AND INFORMATION SCIENCE DEPARTMENT OF MASSACHUSETTS/AMHERST (SEARCH REOPENED)

The Computer and Information Science Department of the University of Massachusetts, Amherst, seeks a senior Computer Scientist to serve as Chairperson of the Computer Science and Chair of the department. Candidates should have a record of distinguished research, administrative experience, and a desire to be a leader of a growing, research-oriented computer science department. Over the past five years, our department has undergone major expansion, resulting in the development of an outstanding research environment and high quality graduate and undergraduate programs. We currently have twenty-four faculty and eighteen research computer scientists and expect to continue to grow significantly over the next five years. We have developed internationally recognized programs in Artificial Intelligence, Brain Theory, Software Development, and Distributed Computing, and have recently received a CER award from NSF. To support our research, we have a fifty node network, including 14 VAXs, four SUNs, 13 LISP OCMs, and several GRAPHWORKSTATIONS and personal computers. We feel that our department's strength and cooperative research environment, combined with the quality of life available in the Amherst community, make this a very attractive opportunity. Salary is commensurate with education and experience. The starting date for appointment is flexible, but September 1986 or before is desired. Send applications to: Professor Victor R. Lesser, Chair of Search Committee, Department of Computer and Information Science, Lederle Graduate Research Center, University of Massachusetts, Amherst, MA 01003 by deadline date of April 15, 1986. An Affirmative Action/Equal Opportunity Employer.

FACULTY POSITIONS
COMPUTER SCIENCE AND ENGINEERING DEPARTMENT
AUBURN UNIVERSITY
AND AIDMA

Applications are invited for tenure-track faculty positions as Assistant/Associate/Full Professor. A Ph.D. in Computer Science, Computer Engineering, Electrical Engineering, or a closely related discipline is required. Areas of interest include Software Engineering, Distributed Computing, Computer Architecture, Artificial Intelligence, Knowledge Based Systems, System Software, Programming Languages and Data Base Systems. Several positions are open for the 1986 academic year. Salary and faculty rank are dependent upon experience and qualifications. Responsibilities include teaching at the graduate and undergraduate levels and research. The department offers Bachelor's degrees in Computer Science and Computer Engineering as well as the M.S. and Ph.D. An outstanding research program has been established in most of the above disciplines.

Applicants should submit a detailed resume and the names of three references to: Chairman, Computer Science Department, Auburn University, AL 36849. Auburn University is an Equal Opportunity/Affirmative Action Employer.

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 academic and industry. Faculty members teach one graduate course per semester, interact closely with small numbers of 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 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. Teaching ability and an interest in graduate-level education are 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 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. Applicants should submit a resume and a resume that describes professional specialty areas, 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, Tyng Road, Tyngsboro, Massachusetts 01879.

UNIVERSITY OF ILLINOIS AT CHICAGO

Several instructorships and tenure-track faculty positions in computer science at both junior and senior level are available. An earned doctorate in CS or EE is required for the tenure-track positions, but not for the instructorships. 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, computer vision, etc. Several positions are available for Fall 1986. For more information contact: Professor Thomas A. Defanti, Chairman of Faculty Search Committee, Department of Electrical Engineer- ing and Computer Science, University of Illinois at Chicago, P. O. Box 4348, Chicago, IL 60680. For non U.S. citizens, please state visa status. The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

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Applications are invited for full-time tenure-track positions in Computer Science and Engineering at all professorial levels. There is particular interest in tenured faculty to have sufficient experience, curriculum, and depth to direct doctoral students and research dissertations in a PhD program in Computer Science & Engineering. Rank and competitive salaries are determined by qualifications and experience. The State supported university is located in a high technology environment, supported with industrial, military, and university research. The university has an active and growing imprint. The university has solid out of Computer Science & Engineering as areas of highest priority for future development. Department strengths include a large faculty, extensive laboratory facilities, research programs, and industrial/university support, degree programs in both computer science and computer engineering, and large student populations at graduate as well as undergraduate levels. Successful candidates should have a Ph.D. in Computer Science, Computer Engineering, or equivalent background, and have demonstrated a strong research, as well as teaching, commitment. Please submit detailed resumes including names of 3 references to: Professor A. Crum, Chair, Department of Computer Science, Wright State University, Dayton, Ohio 45435. Reviewing will begin October 1, 1985 and continue monthly until the positions are filled or until September 1, 1986.
The Department of Industrial Engineering and Operations Research is seeking highly qualified candidates for a tenure-track position beginning Fall semester 1986. Applications for the Assistant Professor level will be given highest preference; however, appointment at higher levels will be possible for an exceptionally qualified and experienced candidate. This position is in the area of computer-aided design, planning, and control of production systems, broadly defined to include both manufacturing and service industries. A doctoral degree is required in Operations Research, Systems Engineering, Computer Science, or a related field. A strong background in academic training at the doctoral level or equivalent experience is required in both I2OSystems engineering and applied computer science, including strength in at least one of the following areas: decision support systems, expert systems, artificial intelligence, database design or software engineering. Candidates must have a broad view of the problems of production systems, and strong planning and control problems in hierarchical control and data systems. Applications, including resume, statement of interest, copies of selected publications, and names of two or more references should be received NO LATER THAN DECEMBER 15, 1986 by Professor C. Roger Glasser, Chairman Industrial Engineering and Operations Research University of California Berkeley, CA 94720 Telephone: (415) 642-3424 The University of California is an Equal Opportunity, Affirmative Action Employer.

THE PENNSYLVANIA STATE UNIVERSITY

The Department of Computer Science is seeking qualified candidates for a tenure-track position starting in September 1986. We anticipate openings for several junior faculty appointments for individuals who are completing, or who have completed, a doctorate. Faculty duties include teaching at both the graduate and undergraduate levels, research, and supervision of these. We are interested in candidates in most areas of electrical engineering, but opportunities in bioelectrical engineering and microwaves are extremely attractive. In computer science, we are primarily interested in candidates in computer systems, including operating systems, programming languages, computer architectures, databases, and graphics. Some Research Associate positions may also be available in the above areas. Research staff devote their time principally to research, with opportunities for teaching or thesis supervision when appropriate. A doctorate or equivalent experience is required. Research Associate salaries range from $29,000 to $42,000, depending on background and experience. All candidates should write to the address below, describing their professional interests and goals. Applications should include a curriculum vitae and the names and addresses of three or more references. Additional material describing their research work, such as papers or technical reports, would also be helpful. All candidates should indicate citizenship and, in the case of non-US citizens, describe their visa status. Send all application to: Dr. Joseph M. Lambert Department of Computer Science Box D Whitmore Laboratory University Park, PA 16802

The Department of Computer Science and Engineering, University of South Florida invites nominations and applications for the position of department head. The department, which is 5 years old, has 12 faculty members and is expected to grow steadily in the coming years. It offers BS, MS, and Ph.D. degrees. The department enjoys strong support from the administration at the college and university levels. A million-dollar endowed chair has recently been announced for the department. The university is the second largest in Florida with an enrollment of over 25,000. It is located on a 1,700 acre campus in the northern periphery of Tampa. The Tampa Bay region is experiencing substantial growth and in particular, the area surrounding the university is experiencing dramatic growth in high tech industries and medical facilities. The electronics industry in the Tampa Bay, already sizable with the membership of IBM, Honeywell, Sperry, E-Systems, GTE, Paradyne, etc., is continuing to grow. The university should have strong academic and research accomplishments, in computer engineering or computer science. The position is at the senior level with competitive salary. Applications consisting of a resume and names of four references should be sent to Dr. Kane Kim, Dept. of Computer Science & Engineering, University of South Florida, Tampa, FL 33620. The deadline for nomination/application is Dec. 25, 1985. The University of South Florida is an equal opportunity/affirmative action employer.

FACULTY AND RESEARCH STAFF POSITIONS MASSACHUSETTS INSTITUTE OF TECHNOLOGY

The Department of Electrical Engineering and Computer Science seeks candidates for faculty and research staff positions starting in September 1986. We anticipate openings for several junior faculty appointments for individuals who are completing, or who have completed, a doctorate. Faculty duties include teaching at both the graduate and undergraduate levels, research, and supervision of these. We are interested in candidates in most areas of electrical engineering, but opportunities in bioelectrical engineering and microwaves are extremely attractive. In computer science, we are primarily interested in candidates in computer systems, including operating systems, programming languages, computer architectures, databases, and graphics. Some Research Associate positions may also be available in the above areas. Research staff devote their time principally to research, with opportunities for teaching or thesis supervision when appropriate. A doctorate or equivalent experience is required. Research Associate salaries range from $29,000 to $42,000, depending on background and experience. All candidates should write to the address below, describing their professional interests and goals. Applications should include a curriculum vitae and the names and addresses of three or more references. Additional material describing their research work, such as papers or technical reports, would also be helpful. All candidates should indicate citizenship and, in the case of non-US citizens, describe their visa status. Send all application to: Prof. F. C. Hennie Room 38-425 Massachusetts Institute of Technology Cambridge, MA 02139

The University of South Florida is an equal opportunity/affirmative action employer.

SUNY Stony Brook Chairperson and Faculty Positions

A person with outstanding research and leadership skills is being sought for the chair position or for a senior level appointment in the Department of Computer Science. A substantial internal grant, together with the ability to offer junior level positions will be part of the offer. In addition, tenure-track positions are available at the assistant and associate professor levels. Salaries will be commensurate with experience and competitive with other top rated academic departments. The department is housed in a newly acquired building with space available for immediate expansion. Present departmental facilities include 8 VAX's, a Pyramid 90X, and 15 Sun workstations on an ethernet. A large number of additional workstations are being acquired in connection with an NSF-CER grant. The campus is located about 50 miles from New York City in an attractive historic community on the North Shore of Long Island.

Nominations and applications can be sent in confidence to Professor David R. Smith, Chair, of Search Committee, Department of Computer Science, SUNY Stony Brook, Stony Brook, NY 11794, Tel. (516) 246-7146.

SUNY Stony Brook is an affirmative action/equal opportunity educator and employer. AK#217-85.

Faculty Positions

University of Wisconsin-Madison

The Department of Electrical and Computer Engineering invites applications for tenure and tenure-track faculty positions. A Ph.D. degree is required, and successful candidates are expected to participate in both teaching and research activities. Applicants in all areas are invited to apply, but the following areas of special interest: applications of expert systems, distributed microprocessor systems, and computer engineering with preferred interests in computer architecture, computer networks and VLSI design. Rank and salary will be commensurate with qualifications and experience. Send resume and names of three references to John G. Stremler, Chairman, Department of Electrical and Computer Engineering, University of Wisconsin-Madison, 1415 Johnson Drive, Madison, WI 53706, an equal opportunity/affirmative action employer.

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 1986. The initial appointment will be for a term of three years. Responsibilities include developing and teaching undergraduate and graduate electrical and computer engineering courses at Trinity College and The Hooper Research 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 detailed curriculum vitae and a list of three references to: Professor Joseph D. Bronzino, Chairman, Department of Engineering and Computer Science, Trinity College, Hartford, CT 06106. Applications received through December 1, 1986 will receive full consideration. The College is an equal opportunity affirmative action employer.