CLASSIFIED ADS

RATES: $7 per line, $75 minimum charge (up to ten lines). Average six typset words per line, nine lines per column inch. Add $7 for box number. Send copy at least six weeks prior to month of publication to: 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 July 21 to send applications responding to ad appearing in July 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.

EXECUTIVE DIRECTOR
IEEE Computer Society

IEEE Computer Society is searching for an exceptional individual for the newly created position of executive director. (See display ad on page 119).

UNIVERSITY OF SOUTH CAROLINA invites applications for tenure track positions in the Department of Computer Science. The PhD degree in computer science or a related area is required, with evidence of potential for substantial research accomplishments. All areas will be considered. Salary and rank are open. Resumes and inquiries should be addressed to Dr. Robert L. Cannon, Chairman, Department of Computer Science, University of South Carolina, Columbia, SC 29208. USC is an affirmative action/equal opportunity employer.

ARIZONA STATE UNIVERSITY

Department of Electrical and Computer Engineering. Applications are invited for tenure track positions at the rank of professor, associate professor, and assistant professor. Applications are being accepted in all areas but with special needs in the areas of computer engineering, microelectronics, and power systems. Qualifications include a doctoral degree in electrical or computer engineering (or closely related discipline), ability and experience in teaching undergraduate and graduate students and in initiating, conducting and supervising research. Applications should be sent to Professor Richard W. Kelly, Chairman, Electrical and Computer Engineering, Arizona State University, Tempe, Arizona 85287. First deadline for receipt of applications is November 16, 1981. Subsequent deadlines are January 18, 1982 and March 15, 1982. ASU is an Equal Opportunity/Affirmative Action Title IX employer and welcomes applications from women and minority group members.

CLASSIFIED

CALIFORNIA STATE UNIVERSITY/LA

Department of Electrical and Computer Engineering invites applications for two tenure-track faculty positions. Applicants must demonstrate interest and potential for developing and teaching undergraduate and graduate courses. Primary areas of interest are computer engineering, software engineering and electronics, but other areas will be considered. PhD or MS degree and at least 5 years of relevant industrial engineering experience plus Professional Electrical Engineers registration; industry and teaching experience desirable. Senior level appointment possible. Applicant must be a U.S. citizen or have permanent resident status. Send resume to Prof. V. Payse, Chair, Department of Electrical and Computer Engineering, California State University, Los Angeles, CA 90032. Application deadline is December 1, 1981. Equal Opportunity/Affirmative Action/Handicapped/Title IX Employer.

VILLANOVA UNIVERSITY

Department of Electrical Engineering has a tenure track position available at the assistant professor level. Requirements: PhD, effective communication, strong interest in students and research; background in computer engineering with emphasis on communication systems, computer communication networks, telecommunications, and data communications. Villanova University is located twelve miles west of Philadelphia in a suburban setting along the famed Philadelphia Main Line. Send resume to Dr. Anthony Zygmunt, Chairperson, Department of Electrical Engineering, Villanova University, Villanova, PA 19085. Villanova University is an equal opportunity affirmative action employer.

The GESELLSCHAFT FÜR MATHematIcKUnd DATAVENARBEitung MBH BONN—GMD—(Society for Mathematics and Data Processing) in cooperation with Dortmunder, Federal Republic of Germany, invite applications for the position of Head of Institute for Software Technology.

The applicant should represent the software engineering field in fundamental research and applications. The goals of the institute are development and evaluation of software construction concepts as well as design, realization, integration and practical implementation of aids and tools required for that purpose. Previous experience in research and development, in particular in large software projects and group leadership in research projects is prerequisite.

The GMD is an R&D institution covering the field of theoretical and applied computer science and financed by the Federal Republic of Germany and the State of Northrhine-Westphalia. It comprises ten institutes. The Institute for Software Technology consists at present of 30 employees, including 25 scientists. Research and development work is typically performed in joined projects between several institutes. Salary is subject to group C4 of the Bundesbesoldungordnung C.

To a limited extent, the head of the institute will have teaching responsibilities at the Dortmund University. He should maintain an intensive cooperation with the other institutes of GMD and the Department of Informatics of Dortmund University.

Please send applications with curriculum vitae, recent Eng and list of publications until Nov. 23, 1981 to: Vorstand Gesellschaft für Mathematik und Datenverarbeitung, P. B. 1240, D 5205 St. Augustine, Federal Republic of Germany. Inquiries will be answered by Dipl.-Kfm. Friedrich Winkelhage, Tel.: 02241/142512.
FACULTY POSITIONS
School of Information and Computer Science
Georgia Institute of Technology
Atlanta, Georgia 30332

The School of Information and Computer Science is seeking one or more faculty positions in the coming academic year. These positions will be at either junior or senior ranks. The School offers the BS, MS, and PhD degrees with specialization in either information or computer science. It currently serves a student population of nearly 750 majors including 200 graduate students. Applicants from all fields of information and computer science will be considered. Applicants for senior positions should have a record of scholarly achievements and be able to begin direction of doctoral students. The department is currently developing a well equipped computing laboratory devoted entirely to research as well as easy access to extensive institute facilities for general computing. Send resume and names of three references to:

Professor Philip H. Enslow, Jr.,
Chairman, Faculty Search Committee
School of Information and Computer Science
Georgia Institute of Technology
Atlanta, Georgia, 30332
(404) 894-3167

Georgia Tech is an equal opportunity employer.

SIMON FRASER UNIVERSITY
Computing Science Department

Applications are invited for two positions in the most rapidly growing Computing Science Department in Canada. One position is at open rank; one position is at the Assistant or Associate Professor level. Candidates from all areas of specialization in computing will be considered but the Department has a special interest in computer design and organization, graphics, software engineering, artificial intelligence, and information systems.

A PhD in Computing Science (or equivalent) is required and candidates should have enthusiasm for teaching and research. Candidates with prior experience should have a record of research and publications, graduate student supervision, and teaching. Responsibilities will include teaching at both the undergraduate and graduate levels, research, and the usual administrative activities. Rank and salary are negotiable.

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 Vancouver Harbour. This Lower Mainland area of British Columbia is unique in Canada for its mild climate and varied recreational facilities.

The department has an interactive graphics laboratory including an Evans and Sutherland picture system, a VAX 11/750, and also well equipped micro-processor, minicomputer, and hardware laboratories. The University operates an outstanding central computing facility supporting both MTS and OSWYLBUR operating systems. There is also a raster-scan graphics facility available for faculty research.

Preference will be given to candidates eligible for employment in Canada at the time of application.

To apply, send curriculum vitae and the names of three references to:

Nick Cercone
Search Committee
Computing Science Department
Simon Fraser University
Burnaby, B.C. V5A 1S6
Telephone: (604) 291-4277

HEAD
COMPUTER SCIENCE DEPARTMENT
COLORADO STATE UNIVERSITY

Applications and nominations are invited for the position of Head, Department of Computer Science. The head has responsibility for all aspects of administration of the Department, including the development and strengthening of undergraduate and graduate teaching and research programs, and cooperation with other departments of the University.

Faculty teaching and research interests include languages and compilers, parallel processing architecture, computational methods, software engineering, operating systems, performance evaluation, microprocessors and computational complexity.

Baccalaureate through doctoral degrees are offered. The CSU Computer Center operates two Cyber 720's and the Department has a VAX 11/750. The University is acquiring a Cyber 205 as part of an expanding program in Vector Computing that includes Control Data Corporation's new Center for Vector Technology which will be located on campus. Applicants and nominees must have a doctorate or equivalent in computer science or a related field. Good interpersonal skills, demonstrated or potential administrative ability and proven ability in teaching, research, and service are expected. The deadline for applications is February 15, 1982. The position will be available on a 12-month, tenure track basis beginning August 20, 1982. Salary and rank will be commensurate with qualifications.

Send resume or letter of nomination to Dr. F. W. Smith, Chairman, Search Committee, College of Natural Sciences, Colorado State University, Fort Collins, CO 80523 (Telephone: 303-491-6558). Colorado State University is an EEO/AA Employer. Equal Opportunity Office is located at 314 Student Services Building.

UNIVERSITY OF PETROLEUM & MINERALS
DHAKAR, SAUDI ARABIA

Computer Science and Engineering Department

The Department of Computer Science and Engineering will have faculty positions in computer science and engineering open for the academic year 1982-83, starting 1 September 1982:

Academic qualifications and experience:
PhD in Computer Science or Computer Engineering or closely related discipline with emphasis in programming languages, database organization and structure, microprocessors, operating systems, data processing, system analysis, digital design, computer architecture, and software engineering.
Language of instruction is English.

Minimum regular contract for two years, renewable. Competitive salaries and allowance. Air conditioned and furnished housing provided. Free air transportation to and from Dhahran every year. Attractive educational assistance grants for school-age dependent children. All earned income without Saudi taxes. Ten months duty each year with two months vacation with pay. There is also possibility of selection for University's ongoing summer program with good additional compensation.

Apply with complete resume on academic, professional and volunteer activities, list of references, publications and research details, and with copies of degrees and/or transcripts, including home and office addresses and telephone numbers to:
University of Petroleum & Minerals
Office 2223 West Loop South, Suite 410
Houston, Texas 77027

STATE UNIVERSITY OF NEW YORK COLLEGE AT OLD WESTBURY

Small four-year liberal arts college on Long Island with heterogeneous, non-traditional student body and strong tradition of social criticism and pedagogical innovation, seeks candidates for the following position:

COMPUTER & INFORMATION SCIENCES—Full-time, tenure-track position as Assistant or Associate Professor in a program offering a bachelor's degree in Systems Software, Information Systems and Systems Analysis. Required: PhD in computer science or related field; or equivalent research and development experience in computer science. Strong interest in teaching and specialization in one of the following areas preferred: Database Management Systems, Operating Systems, Translators, Computer Architecture, Computer Communications and Networks. Opportunity to participate in the development of an innovative CIS Program and to work in a professionally and culturally dynamic environment. Rank and salary dependent on qualifications and experience. Starting date: February 1, 1982. Deadline for Applications: November 7, 1981. Send resume to: Director of Affirmative Action (Search Committee) CIS State University of New York/College at Old Westbury, Old Westbury, N.Y. 11588. (516) 867-3176/3177. Affirmative Action/Equal Opportunity Employer.

TULANE UNIVERSITY
NEW ORLEANS, LOUISIANA
COMPUTER SCIENCE DEPARTMENT

Immediate opening. Tenure-track position with rank dependent on qualifications. Applicants should have a doctoral degree in Computer Science or a related field. Duties include teaching undergraduate and graduate courses, direction of Ph.D. candidates and development of research areas. Applicants are solicited particularly in the following areas:

Software Engineering
Programming Languages
Distributed Processing
Artificial Intelligence
Data Base Systems

Highly qualified applicants in other areas will be considered.

Tulane University is a privately endowed institution dedicated to academic excellence. Please send resume and three references to Dr. Victor J. Lee, Head, Computer Science Department, Tulane University, New Orleans, LA 70118. AA/EOE.
CHAIRMAN, DEPARTMENT OF ELECTRICAL ENGINEERING, Illinois Institute of Technology invites applications and nominations for the position of Chairman, Electrical Engineering Department. The Department has eighteen faculty members. In addition, there are three faculty positions open. The student enrollment consists of approximately 500 undergraduates and over 100 graduate students. The Department has active research programs in the areas of systems, communications, computer engineering and biomedical engineering. Desired qualifications include an earned doctorate, recognized achievement in education and research, academic experience, and the ability to provide innovative leadership. The appointment date will be no later than August 1, 1982. Applications with resumes should be sent to: James W. Patterson, Chairman, Search Committee, or Dean Andre G. Vacroux, Armour College of Engineering, IIT, Chicago, Illinois 60616. Initial screening of candidates will begin on December 1, 1981. IIT is an EEO/AA employer.

WRIGHT STATE UNIVERSITY
Computer Science and Engineering

Applicants are invited for full-time tenure-track positions in Computer Science and/or Computer Engineering at all professorial levels. Rank, competitive salaries are determined by experience and qualifications. The state-supported University is located in a high technology environment among industrial/military research and development facilities. A state supported research park to foster basic and applied industrial/military/University research is under development. The University has singled out computer science/computer engineering as one of its areas of highest priority for continued developmental funding. Department strengths include a large faculty, extensive laboratory facilities, research programs, industrial/military support, degree programs in both computer science and computer engineering, and large student populations at graduate as well as undergraduate levels. Successful candidates will display strong commitments to computer science and/or computer engineering and show a strong potential for growth in teaching and leadership in research. Please submit detailed resumes including names of references to: Professor Larry A. Crum, Chairman, Department of Computer Science, Wright State University, Dayton, Ohio 45435.

SUNY Stony Brook—The Department of Electrical Engineering, SUNY Stony Brook, invites applications for anticipated openings for all professional ranks. These positions will be tenure track with salary negotiable. The Department has expanding undergraduate and graduate programs and extensive research activities. The areas of prime interest are computer engineering, digital systems, communications, and computer networking. VLSI design and fabrication, experimental device fabrication, microwave components and antennas, and robotics. Applicants in other areas will be considered. The Department has close relations with local high technology industry including major cooperative effort in the VLSI area. Stony Brook combines the attraction of semirural location with proximity to the resources of the New York City area. Please submit letter of application, curriculum vitae, and three letters of recommendation to: Dean of Engineering, SUNY Stony Brook, Stony Brook, NY 11794. SUNY Stony Brook is an equal opportunity/affirmative action employer. AK 168A.

FLORIDA INSTITUTE OF TECHNOLOGY

Openings exist for full time senior Computer Science faculty in the Computer Science Department for Winter 1981 or subsequent terms. F. I. T. is a private university with BS and MS degree programs in Computer Science. Senior faculty should be able to participate in the planning and implementation of the new PhD program in Computer Science. Applicants must have a PhD in Computer Science, or in a closely applied field and equivalent experience. Applicants are expected to teach courses at least two of the following areas: analysis of algorithms, architecture, computer communications, data base systems, multiprocessing and distributed systems, operating systems. At least one area of research expertise is expected. Rank and salary commensurate with qualifications. Send resume to: Dr. R. D. Chutterham, Florida Institute of Technology, Melbourne, FL 32901.

FACULTY POSITIONS

The Department of Electrical Engineering seeks outstanding faculty at all levels in the field of Computer Engineering. We plan to build upon our research strengths in design and manufacturing (programmable) automation and therefore are especially interested in such areas as (1) computational geometry and automation, and (2) VLSI and special-purpose computer architecture and computer graphics and animation. Successful applicants will have access to modern and substantial computational resources, and will be expected to develop close ties with the University’s well-established Computer Science Department. Please write or call (collect) Professor Sidney Shapiro, Chairman, Department of Electrical Engineering, University of Rochester, Rochester, New York 14627; (716) 275-4054. UR is an Equal Opportunity/Affirmative Action Employer.

STS RESEARCH FELLOWSHIPS

The MIT Program in Science, Technology, and Society invites applications for several one-year research fellowships on the relationships of science, technology, society, and/or equivalent desirability. Partial or full stipend available. Application deadline January 15, 1982. For more information write: Shawn Finnegan, Secretary, Exxon Fellowship Committee, 200-219, M.I.T. Cambridge, MA 02139

COLORADO STATE UNIVERSITY

Colorado State University is seeking to fill one or more 9-month tenure track positions in the Department of Computer Science. Experience is desired in the areas of hardware, architecture or graphics. Job requires the standard academic field of teaching, research and committee service with an interest in sponsored research and direction of theses. Position may be coordinated with the Department of Electrical Engineering. PhD or equivalent is required. Applicants for tenure ranks must have distinguished research records. Salary and rank are functions of experience. Preferred starting date is January 1982, but Summer 1982 or Fall 1982 can be accommodated. CSU offers baccalaureate through doctoral degrees in computer science. The main computer center runs two CYBER 720's. The department has a VAX 11/750. The arrival of a CYBER 205 is anticipated as part of an expanding program in vector computation including Control Data Corporation's new Center for Vector Technology to be located on campus.

Send resume and names of three professional references (applicants at the Assistant Professor level should include graduate transcript) to: Professor Larry A. Crum, Chairman, Department of Computer Science Colorado State University Fort Collins, CO 80523 Phone: (303) 491-7031

Closing date for receiving applications January 1, 1982. Date may be extended in the event a suitable candidate is not found by January 1, 1982.

Colorado State University is EEO/Title IX employer. Equal Opportunity Office—314 Student Services Building.

FACULTY POSITION

in Digital Systems

Candidates sought for research and teaching in B.S., M.S. and Doctoral programs. A tenure track faculty position in the digital systems area will be available in January, 1982. Doctorate in Electrical Engineering or related area required. The department offers a full range of digital systems courses at the graduate and undergraduate levels, and has facilities including a distributed computer network based on a HP1000 minicomputer, and Tektronix 8002 microprocessor development systems which can simulate a variety of microprocessor systems. The University facilities include an IBM 370/158 system. Appointment can be at any faculty rank, with salary and rank dependent upon qualifications. Send resume and three recommendation letters to: Professor James H. Burghart, Chairperson, Electrical Engineering Department, Cleveland State University, 1963 E. 22nd Street, Cleveland, Ohio 44115. An Equal Opportunity Employer M/F/H.

THE UNIVERSITY OF ALBERTA

DEPARTMENT OF COMPUTING SCIENCE

Applications are invited for the position of Chairman. We are looking for someone with excellent leadership qualities to spearhead the expansion of the Department. The appointee should have an established research record as a research scholar and a wide grasp of various aspects of computing science, ranging from the theoretical to the theoretical. The appointee requires a dynamic individual who must be comfortable communicating with representatives of the University, industry and government. The Department, which consists of six full professors, nine associate and three assistant professors, has a wide range of research and teaching interests, including graphics, computer architecture, operating systems, numerical analysis and artificial intelligence. Hardware support for research and teaching includes an AMD 470/6, a VAX 11/780, Nonodata GM-1, PE-11’s, a PLATO system, and a large mini and microcomputer lab. The position will be open on July 1, 1982. Salary and rank are negotiable. The University is an equal opportunity employer, but in accordance with Canadian immigration regulations, Canadian citizens and permanent residents will be given preference. Applicants should send a detailed curriculum vitae and the names of three references by January 15, 1982 to: Dr. W. J. McDonald Dean of Science The University of Alberta Edmonton, Alberta, Canada T6G 2H1 Phone: (403) 432-4757

November 1981