RATES. $8 per line. $80 minimum charge up to ten lines. Average six typset words per line, nine lines per column inch. Add $6 for box number. Send copy at least six weeks prior to month of publication to: Donald Farnsworth, 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 (eg., 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.

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN
DEPARTMENT OF PHYSICS
NUCLEAR PHYSICS LABORATORY
RESEARCH PHYSICIST/SYSTEMS PROGRAMMER POSITION AVAILABLE

Primary duty is to improve the use of Perkin-Elmer 3220 computer using UNIX, including documentation and maintenance of real-time operating system, applications software, and development of local area network. BA/BS required. Experience in computer system management, data-acquisition, software, operating system and compiler design required. Salary range is $18,000 - $28,000, depending on experience. Preference will be given to applicants who can start to work soon. For full consideration applications should be received by July 31, 1983. Send resumes, including references, to Mr. Raymond F. Borelli, Department of Physics, University of Illinois at Urbana-Champaign, 1110 West Green Street, Urbana, Illinois 61801. (217)333-0570.

THE UNIVERSITY OF ILLINOIS IS AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER

R&D POSITION
AT HONEYWELL
SYSTEMS AND RESEARCH CENTER

Signal and Image Processing Scientist

Immediate openings for professionals with MS/PhD in Electrical Engineering/Computer Science for R&D positions at Honeywell's Systems and Research Center in Minneapolis, Minnesota. Both entry-level and senior engineering positions are available. An interdisciplinary team of about 35 research engineers and scientists to develop algorithms, software and architectures—VHSIC and non-VHSIC—for real-time advanced sensor information processing systems. Technology areas of interest include signal/image understanding, artificial intelligence and robotics, pattern recognition and multisensor signal/image processing involving laser, MMW, IR, SAR, seismic, and acoustic signals/images. We provide competitive salaries and a dynamic, growth-oriented work environment.

Interested candidates should submit resumes in complete confidence to Dr. Durga Pandal, MN17 2361 DPA, Honeywell Systems and Research Center, P.O. Box 312, Minneapolis, Minnesota 55440 or call Dr. Panda (612)378-5058 for more information.

Tenure-track teaching position in computer science. Salary is competitive. PhD or ABD in computer science preferred. Send resume to Dr. A. T. Crosland, Director of Computer Studies, University of South Carolina at Spartanburg, Spartanburg, S.C. 29303. An Equal Opportunity/Affirmative Action Employer.

Programmer/Analyst. Duties include: develop software products such as preprocessors and software tools in Fortran. Requires: MS in computer science with coursework completed; minimum of 2 years full or part time Fortran programming experience; a strong Fortran background; experience in computer writing techniques; employment experience; and strong Fortran programming abilities. Salary $1800 to $2300 per month. Send resume to Personnel Dept. PRS2, IMSL, Inc., 7500 Bellaire Blvd., 6th floor, Houston, Texas 77036, Equal Opportunity Employer.

ASSOCIATE PROFESSOR ELECTRONICS/MICROCOMPUTERS

SEARCH EXTENDED—May include teaching microprocessor/microcomputer theory and application: digital current concepts and related electronics technology courses. Master's degree in technology or engineering related fields required. Doctorate preferred. Position available 9/1/83. Forward resume by 9/1/83 to: Dr. John Sladicka, Industrial Studies Department, Kean College of N.J., Morris Ave., Union, N.J. 07083.

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ARKANSAS STATE UNIVERSITY
COMPUTER SCIENCE

Applications are invited for one or more faculty positions (instrumentation, computer science, hardware, software, computer science, and computer science). A full professor position in Computer Science beginning August 15, 1983. Doctorate in Computer Science required. Doctorate in a related field with significant education or experience in Computer Science considered. Masters plus in Computer Science with doctoral potential considered. Send letter of application, resume, complete transcripts and three references to J. L. Linnstaedter, Chairman, Department of Computer Science, Mathematics and Physics, ARKANSAS STATE UNIVERSITY, P.O. Box 70, State University, AR 72467. The committee will begin selecting candidates to interview as applications are received. Applications will be accepted until the positions are filled. Arkansas State University is an Equal Opportunity, Affirmative Action Employer.
Software Systems Engineering

Hughes Aircraft Company, located in new, modern facilities in Long Beach, California, is seeking senior systems software architects who are searching for technical challenges in a creative environment.

These opportunities require individuals with expertise in both system design and hardware interface for major software dependent systems. Experience with real-time applications associated with simulation systems is desirable. Responsibilities will include planning, development and management of programs involving software systems design, hardware integration, hardware/software interface, and high speed computer architecture.

We offer highly competitive salaries and outstanding benefits as well as opportunities for personal and technological growth.

For immediate consideration, send your resume to: Lowell Anderson, Hughes Support Systems, A1/1B404, Dept. 006, P.O. Box 9399, Long Beach, CA 90810-0399.

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July 1983

NOTICE OF NEW TENURE TRACK POSITION
INSTRUCTOR/ASSISTANT PROFESSOR
OF COMPUTER SCIENCE
OHIO UNIVERSITY-LANCASTER

Master's degree in computer science or mathematics with concentration in computer science is required. PhD preferred. Responsibilities to include teaching primarily lower-level computer science courses. Teaching of mathematics and upper-level computer science courses possible. Salary $16,000-$21,000 for nine-month tenure track position depending on qualifications and experience. Summer teaching also available. Position available September 1, 1983. Deadline July 1, 1983 or until position is filled. Send resume, academic transcripts, and three letters of recommendation to: Professor Jan Cox, Ohio University-Lancaster, 1570 Granville Pike, Lancaster, Ohio 43130. An AFFIRMATIVE ACTION EQUAL OPPORTUNITY EMPLOYER

PROFESSORSHIP IN COMPUTER GRAPHICS/CAD

The School of Electrical Engineering, Georgia Institute of Technology, seeks candidates for the Charles A. Muench, Jr. Professorship in Computer Graphics and Computer Aided Design. Nominations and applications for this senior faculty position are being accepted. Candidates must have a PhD in electrical engineering, a record of distinguished performance in the subject area, and well-established potential for providing leadership in program development. Applications and nominations should be addressed to: Director, School of Electrical Engineering, Georgia Institute of Technology, Atlanta, Georgia 30332. Georgia Tech is an equal opportunity, affirmative action employer.

JULIUS L. BROWN CHAIR IN THE FIELD OF COMPUTER ENGINEERING

The Georgia Institute of Technology announces the establishment of the endowed Julius L. Brown Chair in the field of Computer Engineering. The appointment for this position will be in the School of Electrical Engineering. Major opportunities are also provided for interaction with participants in the Georgia Tech Microelectronics Research Center, the Engineering Experiment Station and the School of Information and Computer Science. Applications and nominations for this senior position are now being accepted. Applicants must have a PhD, a record of distinguished performance in the specialty areas and well-established potential for providing leadership in research and instructional program development. It is expected that the chair holder will play a principal role in the definition and development of future Georgia Tech computer engineering research and teaching emphases. Salary and program development funds available for support of this distinguished position are fully competitive. Resumes and nominations should be addressed to: Director, School of Electrical Engineering, Georgia Institute of Technology, Atlanta, Georgia 30332. Georgia Tech is an equal opportunity, affirmative action employer.