THE UNIVERSITY OF ALBERTA
DEPARTMENT OF COMPUTING SCIENCE

Applications are invited for two visiting Professor positions in Computing Science. Duties include conducting research, supervising graduate students, and teaching undergraduate and graduate courses. Applicants in all areas will be considered, although preference will be given to applicants with expertise in the areas of networks, programming languages, operating systems, and computer architecture. A PhD in Computer Science or related field or demonstrated equivalent achievement in education and research is required. The Department currently consists of 18 faculty with a wide range of research and teaching interests. Hardware support includes an Amdahl 470-V8, a VAX 11/780, Nanodat OM-1, PDP-11/5’s, a PLATO system and a well-equipped mini and microcomputer lab. Please send curriculum vitae and names of three references to: Dr. L. W. Jackson, Acting Chairman, Department of Computing Science, University of Alberta, Edmonton, Alberta, Canada, T6G 2H1. The University is an equal opportunity employer but, in accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. The minimum/maximum annual salaries are: Assistant Professor $27,720 to $39,820 Associate Professor 35,420 to 51,658 Professor 46,010 to 52,665 Closing date for applications: July 1, 1982.

SYRACUSE UNIVERSITY

The School of Computer and Information Science invites applications for the position of Assistant Professor, to begin in September, 1982. The post will entail graduate and undergraduate teaching and the supervision of doctoral research. A PhD or equivalent published research is required. Research specializations in programming methodology, analysis of algorithms, operating systems, or language design will be of particular interest. An appointment at a higher rank will be considered for an exceptional applicant. Resumes, names of referees, and selected papers or theses should be sent by April 15 to Prof. E. E. Sibert, 313 Link Hall, Syracuse University, Syracuse, New York 13210. An equal opportunity, affirmative action employer.

DIRECTOR OF ACADEMIC COMPUTING
CORNELL UNIVERSITY
ITHACA, NEW YORK

Cornell University seeks a qualified person who wants to have a significant impact on the development of academic computing at this major institution. The Director of Academic Computing reports to the Vice Provost for Computing, participates in planning and policy decisions, and heads a staff of more than 30 professionals. The person selected will also be responsible for developing and organizing new computing service capabilities in support of education and research, including computer literacy efforts, selection of appropriate strategies to meet the growing computer needs of a diverse faculty, and promotion of regional and national sharing of computing services. Areas of responsibility include user support, publications, statistical computing, academic software support, and operation of campus terminal facilities. Candidates should have a thorough understanding of computing needs of faculty and a record of accomplishment in administering research and development or academic computing facilities. The candidate needs academic credentials, a strong technological background, and demonstrated management, interpersonal, and communication skills. Salary will be competitive and compatible with equivalent positions. Cornell offers an excellent benefits package including tuition assistance for children. Call or write Kenneth M. King, Vice Provost for Computing, 223 Day Hall, Cornell University, Ithaca, New York 14853 (607-256-7440). Deadline for receipt of applications is July 1, 1982. Cornell is an equal opportunity employer.

FACULTY POSITIONS
IN COMPUTER SCIENCE

Applications are invited for tenure track faculty positions in the Department of Computer Science starting September 1982. Rank and salary open. Candidates should have a PhD in computer science or a closely related area, and strong research interest, particularly in operating systems, data base systems or programming languages. Send resume to: Dr. Willis K. King, Chairman, Department of Computer Science, University of Houston, Houston, Texas 77004. An Equal Opportunity/Affirmative Action Employer.

YALE UNIVERSITY — ELECTRICAL ENGINEERING

Yale University is planning a major expansion in computer engineering and related fields. It seeks a senior person to head activity in an area such as VLSI architecture or robotics. Close cooperation with the Computer Science Department is anticipated. Several junior positions will be available to support the principal effort and to interface with ongoing activities ranging from basic studies of solid state devices to automatic control theory, VLSI architecture, computer aided design, computer vision, innovative device design and automatic control are among preferred areas for the junior appointments. Interested candidates should submit resumes before 1 April 1982. Address all correspondence to Peter M. Schultheiss, Chairman of Electrical Engineering, Becton Center, Yale University, New Haven, Conn. 06520. Yale is an affirmative action/equal opportunity employer.

April 1982
FACULTY OPENINGS
AT WASHINGTON STATE UNIVERSITY

Applications invited for at least one tenure-track position beginning 16 September 1982. Research capability in any core area of computer science (including hardware/software interfacing) is essential. Ph.D. or equivalent required; rank and salary commensurate with qualifications. Visiting appointments may also be available.

The Department, with 16 faculty, offers all degree programs in computer science. We have 197 undergraduate majors, 55 graduate students, and 2,000 majors in all areas of engineering. Our student body includes 1,200 women.

Send curriculum vitae and letters directly from three references to: Search Committee Chairman, Computer Science Department, Washington State University, Pullman, WA 99164. WSU is an equal opportunity/affirmative action employer.

FACULTY POSITION
IN COMPUTER ENGINEERING

The Department of Electrical and Computer Engineering at The University of California, Santa Barbara, invites applications for a tenure-track faculty position beginning Fall 1982 in the area of Computer Engineering, with specialization in at least one of the following preferred: Design Automation, Fault Tolerant Computer Design, Computer Communication Networks, or Digital System Design.

The position starts at the rank of assistant professor. Higher level appointments are possible for individuals with outstanding records. Normally, completion of a Doctorate is required by the time of appointment. Candidates should have an outstanding research potential and a distinguished research reputation, the ability to attract external research funding, and a strong commitment to teaching at the undergraduate and graduate levels. Applicants should send their resume, copies of recent publications, and the names of at least four professional references to: FACULTY SEARCH COMMITTEE DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING UNIVERSITY OF CALIFORNIA SANTA BARBARA, CA 93106 (805) 961-3821

An Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF SOUTHERN CALIFORNIA:
The Department of Electrical Engineering-Systems at the University of Southern California announces openings for both junior and senior faculty in the areas of Signal Processing, Robotics, Artificial Intelligence, Control and System Theory, Information and Communication Theory, and Computer Engineering. We are especially interested in candidates with background and/or experience in Microprocessors, Robotics and VLSI Systems. Send a resume and the names of at least 3 academic references to: Professor George A. Bekey, Chairman, Department of Electrical Engineering-Systems, PH-404, University of Southern California, Los Angeles, CA 90007. USC is an Equal Opportunity/Affirmative Action Employer.

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 triad of teaching, research, and committee service with at least in sponsored research and direction of the position(s) may be coordinated with the Department of Electrical Engineering. Ph.D. or equivalent is required. Applicants with minor or major ranks must have distinguished research records. Salary and rank are functions of experience.

Preferred starting date is August 20, 1982, but January 1983 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 goal of a CYBER 205 is anticipated as part of an expanding program in 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:

Dr. Robert Kelman
Interim Chairman
Department of Computer Science
Colorado State University
Fort Collins, CO 80523
Ph. (303) 491-5792
Applications will be accepted until suitable candidate is found. CSU is an EEO/AA employer. E.O. Office: 314 Student Serv. Bldg.

SUNY STONY BROOK

The Department of Electrical Engineering, SUNY Stony Brook, invites applications for anticipated openings for all Professorial ranks. These positions will be tenure track with salary negotiable. The Department has expanding undergraduate and graduate programs and extensive research facilities. The area of prime interest is computer engineering, digital systems, communications and computer networking, VLSI design and fabrication, experimental device fabrication, and microwave and magnetic electronics. Applicants in other areas will be considered. The Department has close relations with local high technology industry including a major cooperative effort in the VLSI area. SUNY Stony Brook combines the attraction of a semi-rural location with proximity to the resources of the New York City area. Please submit resumes to: Dr. Stephen L. Shapiro,
Chairperson, Department of Electrical Engineering, SUNY Stony Brook, Stony Brook, NY 11794. SUNY Stony Brook is an equal opportunity/affirmative action employer. A5K225A.

DUKE UNIVERSITY

The Department of Computer Science invites applications for positions of Assistant, Associate, or Full Professor depending on background and qualifications. Candidates for Associate and Full Professor positions are expected to have a documented record while those seeking a position as Assistant Professor should exhibit exceptional research promise. Applications are solicited especially from candidates whose research interests focus on the analysis, design, implementation and use of VLSI systems. DUKE UNIVERSITY is a participant in the development of the Microelectronics Center of North Carolina which will support education and research in the design and fabrication of VLSI systems.

DUKE UNIVERSITY is an affirmative action employer, and welcomes applications from women and minority group members. Please send detailed resume with three references to: Professor L. Patrick, Department of Computer Science, Duke University, Durham, NC 27706.

THE UNIVERSITY OF ALBERTA

DEPARTMENT OF COMPUTING SCIENCE

Applications are invited for two tenure track assistant professorship positions in Computing Science. Duties involve commodity research, supervising graduate students, and teaching undergraduate and graduate courses. Applicants in all areas will be considered, although preference will be given to applicants with expertise in areas of networks, programming languages, operating systems and computer architecture. A Ph.D. degree in Computing Science or related field is required. Appointment to an open position is contingent on demonstrating equivalent achievement in education and research is required.

The Department currently consists of 18 faculty with a wide range of research and teaching interests. Hardware support includes an Am386 or PDP-11, a VAX 11/780 Nanodata GM-1, PDP-11's, a PLATO system and a well-equipped mini and microcomputer lab.

Please send curriculum vitae and names of three references to: Dr. L. W. Jackson, Acting Chairman, Department of Computing Science, University of Alberta, Edmonton, Alberta, Canada, T6G 2H1. The University is an equal opportunity employer but, in accordance with Canadian Immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.

The minimum maximum 11 step annual salary is $27,720 to $39,820. Closing date for applications: July 1, 1982.

UNIVERSITY OF PORTLAND

Two Computer Engineering faculty positions at the University of Portland, a private institution located in the beautiful Northwest. Tenure track, Ph.D. required. Specializations in hardware and/or software. We are a dynamic, high-quality department having strong ties with major local industries. Facilities include a VAX 11/780 and an excellent microcomputer laboratory. A computer graphics and CAD/CAM laboratory is in the building stage. Excellence in undergraduate instruction is rewarded and the faculty is heavily involved in industrial consulting as a means of professional growth. The new faculty members will contribute to the rapid growth and development of the computer engineering program in an atmosphere of support, flexibility, and opportunity. Positions open September 1, 1982. Send resume to: Dr. Robert J. Albright, School of Engineering, University of Portland, Portland, Oregon 97203. (503) 283-7314. An affirmative action/equal opportunity employer.
Applications are invited for faculty positions in Electrical Engineering from qualified individuals who have a strong commitment to teaching and research. Qualifications include an outstanding academic record, significant involvement with a truly contributing research activity, and a Doctorate in Electrical Engineering. Areas of research specialization that are of particular interest are computers and microelectronics. Resumes should be directed to School of Electrical Engineering, Purdue University, West Lafayette, Indiana 47907. Immigration status of non-US citizens should be stated in resume. Purdue is an equal opportunity/affirmative action employer.

Electrical and Computer Engineering: The Department of Electrical and Computer Engineering at Clemson University in Clemson, South Carolina is seeking qualified individuals for several tenure-track and visiting positions. The areas of specialization are not restricted and include microelectronics, controls, all areas of computer engineering, communications, and control systems. Also, individuals interested in computer-aided manufacturing are being sought to interact with the established Center for Automated Manufacturing Technology. Research support facilities include two VAX 11/780 systems with graphics displays, a variety of workstation and computer systems in addition to an IBM 370 system in the University Computing Center. Special research support facilities including microelectronic laboratories are provided in the Rhodes Engineering Research Center immediately adjacent to the department. Applicants should have a PhD with an outstanding academic record and a strong interest in both teaching and research. Resumes should be sent to Dr. W. A. Benett, Head of the Electrical and Computer Engineering Department at Clemson University, Clemson, South Carolina 29631. Clemson University is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION UNIVERSITY OF SASKATEWAN

Applications are invited for a tenure-track faculty position at the Assistant Professor level (commencing July 1, 1982). Applicants should have a PhD in Computer Science or Computer Engineering or be nearing completion of this degree. Candidates from all areas of Computer Science or Computer Engineering are encouraged to apply. Responsibilities will include teaching at the undergraduate and graduate levels and research. Salary will be in the range of $25,000 to $34,000 depending on qualifications and experience. The University of Saskatchewan services approximately 11,000 students with a very attractive campus that overlooks the South Saskatchewan River in Saskatoon. A young, vigorous and expanding department of ten provides BSc, B Comm. and MSc degree programs in Computer Science. A PhD degree is offered on a special basis. The Department has available some very good research facilities featuring a VAX 11/750 in addition to high quality undergraduate facilities that are administered by Academic Computing Services. Please direct enquiries and applications to: Dr. R. G. Sorenson, Head Department of Computational Science University of Saskatchewan Saskatoon, Saskatchewan Canada.

Use order form on p. 136C