TULANE COMPUTER SCIENCE

Tulane University is pleased to announce the appointment of Larry H. Reeker as Department Head of Computer Science effective November 1, 1982. The Computer Science Department has embarked on a five year plan to expand research and graduate education. The Department has added a VAX 11/780 computer to be used for research and teaching purposes to supplement numerous LSI-11 systems and the University's academic DEC20 system. The Department currently has eight full time PhD faculty, with a projected increase to 17 by 1986-87. The Department is administratively part of the School of Engineering and offers both engineering (BSEE, ME, DE) and non-engineering (BS, MS, PhD) degrees.

Applications are invited for tenure track faculty positions at all ranks. Visiting faculty and those seeking partial support during sabbatical years are also welcome to apply. Applicants should have a PhD in computer science or a related area and should have a commitment to quality research and teaching. Salary and rank will depend on qualifications. Salaries are competitive. Applications should be directed to Dr. Mark Benard, Acting Department Head, Computer Science Department, School of Engineering, Tulane University, New Orleans, LA 70118. Closes date is January 1, 1983. Tulane is an affirmative action/equal opportunity employer.

Applications for graduate study should be directed to Dr. Frederick Petry, Director of Graduate Studies, at the above address. Closing date for applications for fellowships and assistantships is January 15, 1983.

CHAIRPERSON
Department of Computer Engineering Technology
CAPITOL INSTITUTE OF TECHNOLOGY
Kensington, MD

Chairperson of the Institute invites applications for the position of Chairperson in the new Department of Computer Engineering Technology. Candidates must have earned a Master's degree in Computer Science and a Bachelor of Science degree in electrical engineering or electronics engineering. The successful candidate will have appropriate teaching experience and three to five years of industrial experience. Rank and salary are commensurate with qualifications.

The Department of Computer Engineering Technology will conduct classes for the first time beginning with the Fall Quarter, 1983. The new chairperson will begin on November 1, 1982. Duties will include the development of course material and the purchase of laboratory equipment. There will be no teaching responsibilities during the first year.

Capitol Tech presently enrolls 840 students in an ABET accredited, 2+2, electronics engineering technology program. The computer engineering technology degree will also be a 2+2 program. Applications with resumes should be sent to Earl E. Gottsman, Academic Dean, Capitol Institute of Technology, 10335 Kensington Parkway, Kensington, Maryland 20895.

Capitol Tech is an equal Opportunity/Affirmative Action Employer.

School of Computer Science
UNIVERSITY OF WINDSOR

Applications are invited for a tenure track faculty position in the School of Computer Science. Requires PhD in computer science, or cognate area supported by suitable experience. School's teaching and research interests include database systems, compiler writing, information systems, computer graphics, microcomputer applications and automata theory.

Appointment effective July 1, 1983. Arrangements possible for earlier appointment if desired. Salary and rank open. In accordance with Canadian immigration regulations first consideration will be given to applicants legally eligible or, at time of application, to work in Canada for the period covered by this position. Send detailed curriculum vitae and the names of three references by 12/15/82 to: Dr. S. I. Ahmad, Director, School of Computer Science, University of Windsor, Windsor, Ontario, N9B 3P4 Phone: (519) 253-4232 Ext. 730.

COMPUTER SCIENCE

Southeastern Massachusetts University invites applications for tenure track faculty positions in computer science to start in January, 1983. Primary responsibility is undergraduate teaching in a newly formed computer science program. PhD in computer science by March 1, 1984 required. Applications must be received by November 1, 1982.

Send resume and three letters of reference to: Professor Anthony J. John, Chairman, Department of Mathematics and Computer Science, Southeastern Massachusetts University, North Dartmouth, Mass. 02747. Telephone: (617) 999-8317.

SMU is a state university with a student enrollment of 5,000 located 60 miles south of Boston near the coast midway between Cape Cod and Newport, R.I.

SMU is an equal opportunity/affirmative action employer. Applications from members of minority groups and women are particularly encouraged.

UNIVERSITY OF RHODE ISLAND

Department of Electrical Engineering, University of Rhode Island. Faculty positions in Computer Engineering and Optical Communications. The Department of Electrical Engineering at the University of Rhode Island invites applications for tenure track faculty positions. Applications are solicited from outstanding candidates with strong background in electrical engineering and interest in (1) digital systems and computer engineering, (2) minicomputer and microcomputer applications, (3) computer architectures, (4) MOS structure design and VLSI, and (5) optical communication and devices. Responsibilities include undergraduate and graduate teaching and research program development. The Department of Electrical Engineering offers BS, MS and PhD degrees, with BS degree options in Biomedical Electronics and Computer Electronics. Undergraduate enrollment is approximately 400, graduate enrollment is approximately 50, and the current faculty size is 25. Technical areas of notable strength within the Department are robotics, signals and systems, solid state optics, and materials. The University is located in scenic southern Rhode Island, within 1.5 hours to Boston and 3 hours to New York by car or train. Positions open immediately. Rank and salary consistent with qualifications. Send resumes to: Professor Louis Scharf, Chairman, Electrical Engineering, Kelley Hall, University of Rhode Island, Kingston, Rhode Island 02881. An affirmative action/equal opportunity employer.
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T-SHIRT CONTEST

- We need a clever phrase or a picture, or both, for our T-Shirts. IT MUST BE AN ORIGINAL IDEA. Individuals submitting ideas must warrant that the idea is original and theirs alone.
- Four prizes of $250 will be awarded to the most original ideas as judged by a panel of former wet T-Shirt contest winners! The winners will be named at the COMPCON SPRING '83 conference, and will appear in a future issue of *Computer*. ONLY MEMBERS CAN ENTER THE CONTEST. Membership applications on pages 82 and 153. Employees of the IEEE or the IEEE Computer Society, or their families, may not enter the contest.
- Winning T-Shirt ideas will appear on T-Shirts to be sold by the Computer Society.
- Write for contest rules to:
  T-Shirt Contest
  IEEE COMPUTER SOCIETY
  1109 Spring Street, Suite 300
  Silver Spring, MD 20910

FACULTY POSITIONS
Computer Science
TEXAS TECH UNIVERSITY

The Computer Science program of the Department of Electrical Engineering invites applications for several tenure-track positions. We are looking for both software and hardware oriented computer scientists for undergraduate and graduate students. The Computer Science program offers both the BS and MS in computer science and supervises a PhD in interdisciplinary engineering. Members of the Computer Science faculty enjoy excellent computing facilities (IBM/370, VAX-I11: Ti-990, among others); nominal teaching loads; and highly competitive salaries and benefits. Because of the new programs and rapid growth of Computer Science at Texas Tech, there is an excellent opportunity for new faculty members to develop and pursue their particular teaching and research interests or to participate in ongoing research projects.

The department is highly research oriented: sponsored research amounts to over $3M this year. A PhD in Computer Science or a closely related area is required. Applicants should send a resume and names of three references to:

Professor R. Saeks, Coordinator
Computer Science Program
PO Box 4439
Texas Tech University
Lubbock, TX 79409

Texas Tech is an AA/EEO Employer

SENIOR COMPUTER SCIENTIST

Assume major responsibility for developing decentralized operating system on loosely-coupled multiprocessors. MS with experience in distributed systems research required. PhD or ABD in CS or EE desirable. Excellent environment, salary, and benefits. Send complete resume in confidence to:

Andre M. van Tilborg
CIO M. L. Young
Professional Staffing
CalSpan Advanced Technology Center
4455 Genesee Street
Buffalo, NY 14225

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POSITION FOR LECTURER ($17,412 - 20,868), ASSIST. PROF. ($19,044 - 22,896), ASSOC. PROF. ($23,976 - 28,884), OR PROF. ($30,276 - 36,540) OF COMPUTER SCIENCE AVAILABLE IN JAN, APR OR SEP 1982 to offer undergrad. courses, advise students, participate in curriculum development and program evaluation, and participate in other courses as appropriate to individual’s education and experience. Teaching load equa to 12 hours per week of lecture and lab. The PhD in CSCI is preferred; Master's in CSCI or related field equiv. exper. will be considered. Facilities consist of local CDC CYBER 720 and PDP 11/45 computers, microcomputers, and connections to central CSUC system facilities. Applicants should submit letter of application, vitae, three letters of recommendation and all official transcripts. Applications will be accepted until position is filled. Send all materials to:

Dr. James D. Crum, Dean
School of Natural Sciences
California State College
5500 State College Parkway
San Bernardino, CA 92407

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION, SECTION 504, TITLE IX EMPLOYER.

UNIVERSITY OF PORTLAND

Electrical/Computer Engineering faculty positions at the University of Portland, a small private institution located in the beautiful Northwest. Rank open. Specializations in computers (hardware, software), VLSI design, electronics, power, or semiconductors. To teach undergraduate and graduate courses, participate in curriculum and laboratory development, and contribute to the profession by research or consulting. We have excellent facilities and we reward quality undergraduate instruction. We are in a dynamic phase of development, and the new faculty members will contribute to this in an atmosphere of support, flexibility, and opportunity. We have strong ties with local industry and we encourage consulting. PhD is preferred, but consideration will be given to MS level candidates with industrial experience. Tenure track positions, available January 1983 or thereafter. Send resume to: Dr. Robert J. Albright, School of Engineering, University of Portland, Portland, Oregon 97203. Equal opportunity/affirmative action employer.

UNIVERSITY OF ILLINOIS

A position of Assistant or Associate Professor of Computer Science is available effective January 1983. Duties include undergraduate/graduate teaching and research. An earned Doctorate in Computer Science or in a closely related area is required. Demonstrated teaching and research abilities are highly desirable. Preferred areas of specialization are Operating Systems, Programming Languages, Computer Architecture, VLSI Design, and Robotics. Send resume, list of publications and the names of at least three references by November 1, 1982 to: Wai-Kai Chen, Department Head, Department of Information Engineering, University of Illinois at Urbana-Champaign, 1308 South First Street, Urbana, Illinois 61801. The University of Illinois is an affirmative action/equal opportunity employer.

Chairperson, Department of Computer and Information Science
THE OHIO STATE UNIVERSITY

Nominations and applications are invited for an outstanding individual to chair the Department of Computer and Information Science in the College of Engineering at the Ohio State University beginning Autumn Quarter 1982. The position carries a 12-month faculty appointment, and the applicant should possess the qualifications for the rank of full professor.

The department has about 27 (full-time equivalent) faculty members and additional teaching staff, has a strong research record and is active in sponsored research on a broad front. There is also a commitment to quality instruction at the BS, MS, and PhD levels.

Candidates should have a well-established reputation in research and scholarship, a good understanding of the broad spectrum of computer and information science, ability to promote active research and quality teaching, and some administrative experience.

Send nominations and applications, on or before February 1, 1983, to:

Tae-yun Feng
Deputy Chairperson Search Committee
Dep't of Computer and Information Science
The Ohio State University
2038 Neil Avenue Mail Unit
Columbus, OH 43210
Phone: (614) 292-1408
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Please submit your resume in confidence to, or contact by telephone, David Blohm at Higher Order Software, Inc., P.O. Box 531, Cambridge, Massachusetts 02139, Telephone (617) 661-8900. An Equal Opportunity Employer.

UNIVERSITY OF PETROLEUM & MINERALS
DHAHRAN, 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 1983-84, starting 1 September 1983.

ACADEMIC QUALIFICATIONS AND EXPERIENCE

PhD in Computer Science or Computer Engineering or in a closely related discipline with emphasis in programming languages, data base-organization and structure, microprocessors, operating systems, data processing, system analysis, digital design, computer architecture, and software engineering.

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This position requires an M.S. Degree in Electrical Engineering or Computer Science (Ph.D desired) and 4-6 years' experience in VLSI design automation (CAD/CAM).

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