ILLINOIS INSTITUTE OF TECHNOLOGY
Department of Computer Science

Applications are invited for several tenure-track faculty positions, rank and salary dependent on background and qualifications, starting in August 1983. Applicants should have a commitment to research, and to teaching at both the graduate and undergraduate levels. The department offers Ph.D., M.S., M.T., and B.S. degrees. A Ph.D. in computer science or an allied field is required. Qualified applicants in all following areas are especially encouraged to apply: computer architecture, computer operating systems, programming languages, and computer networking. Send resume to: Professor Anthony S. Wojcik, Chair, Department of Computer Science, Illinois Institute of Technology, Chicago, IL 60616. Illinois Institute of Technology is an equal opportunity/affirmative action employer.

RICE UNIVERSITY—Applications are invited for a faculty position in the Computer Science Program at Rice University. Applicants should have a Ph.D. degree with a commitment to excellence in teaching and research. Candidates from all areas of Computer Science will be considered. However, the program has a special interest in candidates with research experience in the areas of software engineering and parallel computing systems. Salary and rank will depend on qualifications. Rice University is an equal opportunity/affirmative action employer. Send resume to: T. A. Rabson, Chairman, Electrical Engineering Department, Rice University, P.O. Box 1982, Houston, TX 77251.

Faculty and Visiting Positions
UNIVERSITY OF WISCONSIN-MADISON

The Department of Electrical and Computer Engineering invites applications for tenure, tenure-track and visiting faculty positions. A Ph.D degree is required and successful candidates are expected to participate in both teaching and research activities. Excellence in academic accomplishment and a competitive research environment are more significant than the particular area of specialization. However, the following areas are of special interest: Computer engineering, electronic circuit design, VLSI circuits, and robotics. Rank and salary will be commensurate with qualifications and experience. Send resume and names of three references to W. P. Birkemeier, Chair, Department of Electrical and Computer Engineering, University of Wisconsin-Madison, 1415 Johnson Drive, Madison, WI 53706, an equal opportunity/affirmative action employer.

FACULTY POSITION
UNIVERSITY OF MASSACHUSETTS/AMHERST

Applications are invited for faculty positions in the Department of Computer and Information Science and the Department of Electrical and Computer Engineering. The position is at the rank of assistant, associate, and full professor. Candidates should have a Ph.D. and should show evidence of exceptional research promise. Senior level applicants should have, or be close to, a distinguished research record. We are specifically seeking applicants with research interests in artificial intelligence, computer networks and theory of computation. We have twenty-six full-time faculty in these areas with ongoing research projects in robotics, vision, brain theory, graphics, distributed processing, performance evaluation, analysis of algorithms, networking, database management, information retrieval, software development, office automation, and computer architecture. To support our research, we have eleven VAX systems with over eighty ports and a variety of graphics devices, all connected over an ethernet and servicing a community of 160 researchers. Our instructional labs are supported by a Data General MV-8000, PDP-11's, AIF's, Apples, and KIM's. The University has a Cyber 174. Deadline for submission of application is March 15, 1983. Send application to Prof. L. Clarke, COINS Department, Graduate Research Center, University of Massachusetts, Amherst, MA 01003. An Affirmative Action/Equal Opportunity Employer.

NORWICH UNIVERSITY

Computer Science Engineering, Tenure track position. Rank and salary commensurate with experience. PhD desired, but will consider Masters with significant experience. Available 1 July, 1982. We are implementing a new Computer Science Engineering program. A new computer center and laboratories have been constructed to support this program. Equipment includes: VAX 11/780, PDP 11/70's and numerous microcomputers. New faculty will assist in laboratory and curriculum development. Expertise in any of the following areas is desirable: Computer Architecture, Computer Systems, Computer Networks, Programming Languages, Interactive Graphics, Robotics, CAD/CAM and Artificial Intelligence. A strong commitment to undergraduate education is essential. Norwich University is located in an area of Central Vermont that offers small town or rural living, with good schools and excellent recreational opportunities. Send resume and references to: Dr. John F. Van Doremelen, Head, Engineering and Technology Department, Norwich University, Northfield, VT 05663. Norwich University is an equal opportunity/affirmative action employer.

PURDUE UNIVERSITY
Head, Department of Computer Sciences

Purdue University seeks a department head who will exert strong leadership as the university embarks on a $57 million development effort to expand the facilities and equipment in the computer sciences department. One of seven departments that comprise the School of Science. The Department currently consists of 30 faculty and offers degrees at the bachelor's, masters and doctoral levels. The research computing facilities currently available to faculty include two VAX computers, an extensive interactive graphics equipment, and ARPANET and CSNET connections. An additional two VAX computers support the undergraduate program. Research groups within the department are active in:

- Parallel computation
- VLSI systems
- Operating systems
- Networks
- Programming languages
- Data base systems
- Numerical computation
- Software engineering

Candidates must have an earned doctorate and should demonstrate significant accomplishment in computer research experience in group leadership, and a continuing commitment to research and instruction in the context of scientific disciplines and traditions. Letters of application should be mailed no later than January 22, 1983 to: Allan H. Clark, Chairman, School of Science, Mathematical Sciences Building, Purdue University, West Lafayette, IN 47907. Purdue University is an equal opportunity/affirmative action employer.

CASE INSTITUTE OF TECHNOLOGY
CASE WESTERN RESERVE UNIVERSITY

We invite insightful and innovative researchers in experimental computer science to apply for tenure-track positions at all levels. We consider experimental computer science to encompass VLSI/CAD, architecture, graphics, database, operating systems and software methodology. Applicants will be judged primarily on their ability to strengthen our quest for excellence in research and teaching. CWRU is a small private university with a total enrollment of about 8000 of which about 600 are MS and PhD students. The university campus is in the hub of the pleasant area known as University Circle, an incorporation with other neighboring cultural centers and museums, which is about 10 miles from downtown Cleveland. Case Institute of Technology, an organizational subunit of CWRU, is among the top ten engineering schools in terms of research funding per faculty member and undergraduate student quality. The department of Computer Engineering and Science has a young faculty of 10 growing to 15 and a graduate student body of 80 full-time students, 20 of which are currently in the PhD program. The department is well equipped with a VAX 11/780, PDP 11/45, and a PDP 11/34, all running Unix, a shaded graphics system etc. We also have access to the three large DEC-20 systems of the university. Applicants should submit their resume and names of three references to: Professor C. W. Rose, Chairman, Department of Computer Engineering and Science, Case Western Reserve University, Cleveland, Ohio 44106. An Equal Opportunity/Affirmative Action Employer.
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Chairperson
COMPUTING SCIENCE
TRINITY UNIVERSITY
San Antonio, Texas

Applications are invited for the position of Chairperson, Department of Computing and Information Sciences. Trinity is a tenure-track position in the rank of Professor or Associate Professor. Applicants must hold the PhD in Computer Science or a closely related discipline. Experience in various academic positions coupled with an established record of teaching, administrative ability, service and research are desirable. Starting date is August 1983. Rank and salary are negotiable. Strong candidates are encouraged to apply.

Trinity University was founded in 1869 and is now located on a beautiful 100-acre campus in San Antonio. Enrollment is approximately 2,000 students. San Antonio is widely recognized as one of America’s unique cities. Population is approximately one million. San Antonio has a warm climate and is noted for its scenic beauty, places of historical interest and diverse cultural influence.

Send resume and letters of recommendation to: Dr. C. J. Trimmie, Department of Computer Science, Trinity University, San Antonio, Texas 78284.

Trinity University is an equal opportunity/affirmative action employer.

COMPUTER SCIENCE DEPARTMENT
CHRISTOPHER NEWPORT COLLEGE

Christopher Newport College, a state-supported senior college located in Newport News, Virginia, invites applications for a tenure-track position in computer science. A master’s degree in computer science or a closely related field is required with a PhD desired. Experience in teaching or industry is desired. Assistant Professor: salary is competitive and based on degree level and experience. Christopher Newport College is primarily a teaching institution and thus the main emphasis in selection will be placed on the abilities of the applicant to teach undergraduate computer science courses. Other evaluation criteria are research, service, and curriculum development.

The College currently offers bachelor degree programs in computer science and information science. The appointment begins with the Fall 1983 semester. The deadline for application is March 1, 1983 and supplies and letters of reference should be addressed to:

John D. McGregor
Computer Science Department
Christopher Newport College
50 Shoe Lane
Newport News, Virginia 23606

Christopher Newport College is an Affirmative Action, Equal Opportunity 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 1983. Starting date is August 1983. Rank and salary are negotiable. We are interested in candidates in the specific areas described below. Full time and part time positions are available.

Computing Science Theory. We seek an outstanding young theoretical computer scientist of broad interests to join a group whose members are currently investigating complexity theory, combinatorial algorithms, cryptography, programming language theory, and algorithms for VLSI design and testing.

Robotics and Productivity Technology. As part of an expanding effort in this field, a new faculty member would be expected to contribute to research on computer controlled manipulators and manipulator design and control. Innovative mechanical hand and sensor design, spatial reasoning, and force exploration.

Integrated Circuit/Systems Design and Technology. As part of an expanding M.I.T. program in microsystems, one new faculty member would be expected to contribute to research in design automation for integrated circuits and systems, and another new faculty member would be involved in research on the development of novel integrated circuits, both analog and digital.

Plasma Dynamics. A faculty member in this area would be expected to continue research in experimental plasma electrodynamics, especially diagnostics. Opportunities are available for involvement with the ALCATOR and TARA projects as well as with other experimental programs.

Research Associate positions may be available in the above areas. Research staff devote their time principally to research, with opportunities for teaching or thesis supervision at the appropriate level. A doctorate or equivalent experience is required. Research Associate salaries range from $22,000 to $50,000, depending on background and experience.

We also anticipate the possibility of making a SENIOR FACULTY APPOINTMENT IN COMPUTER SCIENCE. Strong technical and administrative abilities are required.

Applications should be addressed to the Chairperson below, describing their professional interests and qualifications and indicating the faculty positions they are applying. Applications should include a curriculum vitae and the names and addresses of three or more references. Additional material describing the applicant’s work, such as papers or technical reports, would also be helpful. All candidates should indicate citizenship and, in the case of non-US citizens, demonstrate visa status.

Although primarily interested in appointments in the specific technical areas described above, we will consider exceptional strong junior or intermediate level candidates with interests in other fields of electrical engineering and computer science. Opportunities for such appointments are very limited. Individuals wishing to be considered in this category should so state and should arrange to have three letters of recommendation sent to us at the address below. (Applications in this category will not be considered until three letters of recommendation are in hand.)

Send all applications to:

Prof. F. C. Hennie
Room 38-435
Massachusetts Institute of Technology
Cambridge, MA 02139

M.I.T. is an equal opportunity/affirmative action employer.

UNIVERSITY OF HOUSTON

Applications are invited for a tenure-track faculty position in the Department of Computer Science starting September 1983. Rank and salary open. Candidates should have a PhD in computer science or a closely related area, and strong research interests, particularly in operating systems, database systems, computer graphics, 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.

THE UNIVERSITY OF VERMONT

Applications are invited for tenure-track faculty positions in Computer Science. The incumbents will be expected to teach at the undergraduate levels, to initiate and conduct research programs and to supervise graduate student research. A PhD in Computer Science or a closely related field is required, with demonstrated research capability in mainstream computer science essential. Positions are available immediately; applications will be accepted for as long as a position remains open. Send resume and the names of three references to: Dr. Hennie, Computer Science and Electrical Engineering Department, Votey Building, University of Vermont, Burlington, VT 05405.

The University of Vermont is an Equal Opportunity Affirmative Action Employer.

FACULTY POSITIONS, GEORGE WASHINGTON UNIVERSITY

The Department of Electrical Engineering & Computer Science has openings for faculty positions in the areas of Computer Science and Data Communications. Persons should have an earned doctorate and research experience, with an interest in both teaching and research and the ability to attract research grants and contracts for support of faculty and assistants. Send Curriculum Vitae, list of publications and references, to Professor A. D. Friedman, Chairman, Department of Electrical Engineering and Computer Science, School of Engineering & Applied Science, THE GEORGE WASHINGTON UNIVERSITY, Washington, D.C. 20052.

The University is an affirmative action and equal opportunity employer.

UNIVERSITY OF RHODE ISLAND

Department of Computer Science and Statistics seeks vacancies for one permanent and one possible term appointment as Instructor or Assistant Professor level. We are seeking individuals with teaching and research interests in mainstream computer science areas. Candidates with a PhD or completing a PhD will be considered. The Department offers BS, MS, and PhD degrees. Consideration of applications will begin February 15, 1983 and will continue until suitable candidates are found. Send vita, supporting material and names of 3 references to: Dr. Nelson Weiderman, University of Rhode Island, Kingston, Rhode Island. An Affirmative Action/Equal Opportunity Employer.
COME TO IDAHO

The Department of Computer Science invites applications for faculty positions. There are tenure-track positions in a rapidly expanding department. The Computer Science Department, located in the College of Engineering, is unique within the state of Idaho. It offers both Bachelor's and Master's degrees. A Ph.D in Computer Science or a related field is desired. Preference will be given to candidates who have experience in teaching, industry and research. Closing date: 1 March 1983, may be extended until positions are filled. Candidates should submit three letters of reference to: Dean's Office, College of Engineering, University of Idaho, Moscow, Idaho 83843. AA/EDE

Oakland University, Rochester, Michigan: The School of Engineering invites applications for positions in the following areas. Three positions in Computer Science/Computer Engineering with prime interest in programming methodology, software engineering, computer architecture, computer graphics, algorithm design and analysis, operating systems, artificial intelligence, parallel and concurrent processing, database systems. One position in Computer-Aided Manufacturing and Design with a specialization in robotics and advanced automated systems. Opportunity for research in the University Center for Robotics and Advanced Automation. Starting date January 1, 1983 or August 15, 1983. Duties include undergraduate and graduate teaching and research. Interest in sponsored research essential. Doctorate required. Positions are tenure track with salary and rank commensurate with qualifications. Oakland University is a Ph.D granting, state supported university and is an Equal Opportunity/Affirmative Action employer. Applicants should submit resume and have three letters of reference sent to Dean of Engineering, Oakland University, Rochester, MI 48063.

Oregon State University: Electrical and Computer Engineering: Computer Science Faculty Positions. The Departments of Electrical Engineering and Computer Science have four tenure-track faculty positions at the Associate or Full Professor level available in March 1983. Applicants must have an earned doctorate. Areas of particular interest are VLSI Design, Digital Signal Processing, Interactive Computer Graphics, Computer Architecture, and Operating Systems. A VLSI Design Center has been established in the Electrical Engineering Department and faculty have access to a number of computer installations for research purposes. Responsibilities include undergraduate and graduate teaching, development of sponsored research, and interaction with local industry. Portland has a rapidly growing computer and electronics industry including Tektronix (world headquarters), Intel, Hewlett-Packard, Boeing (Point Systems headquarters). Mentor Graphics. Send applications, including a resume and the names of three references, to: Dr. P. A. Fick, Head, Department of Electrical Engineering, or E. Ennekamp, Acting Head, Department of Computer Science. Oregon State University, P.O. Box 7907, Corvallis, OR 97331. Non-U.S. citizens must state their visa status. Portland State University is an equal opportunity/affirmative action employer. Qualified minorities, women, members of other protected groups are encouraged to apply.

Faculty and Research Associate Positions

Departments of Electrical Engineering and Computer Science

STANFORD UNIVERSITY

The Departments of Electrical Engineering and Computer Science at Stanford University have a number of openings for tenure track faculty positions. Applications are invited. Positions. Applicants should have a demonstrated research ability in one or more areas of computer-aided design, computer-aided manufacturing, computer vision, computer graphics, and related areas. All applicants are invited to submit three letters of reference to: Dean's Office, College of Engineering, University of Idaho, Moscow, Idaho 83843. AA/EDE

University of Idaho, Moscow, Idaho 83843

TENURE-TRACK FACULTY POSITION IN MICROELECTRONICS

Microelectronics, tenure-track position anticipated for a creative individual in a new BS program in Applied Physics at Christopher Newport College, a 4300 student, four-year college in Virginia's Tidewater region, offering courses in contemporary electronic instrumentation, microprocessor programming, and design of smart sensors. To help develop the College's computer science and engineering facilities, candidates should have a Ph.D in microelectronics with experience in teaching, industrial design, and research and development. Salary commensurate with experience, rank, and qualifications. Send complete curriculum vitae and three letters of reference to Professor Evangelos Yantis, Search Committee, Department of Mathematics and Computer Science, Christopher Newport College, 50 Shoe Lane, Newport News, VA 23606. An Equal Opportunity/Affirmative Action Employer.

SYRACUSE UNIVERSITY

The School of Computer and Information Science, with two openings at the rank of Assistant Professor (tenure track), to begin in September 1983. The positions are open to individuals with a Ph.D equivalent in computer science or related fields. The successful applicant will join a faculty of 20 and will participate in the graduate and undergraduate teaching and research programs in computer science. Salaries are competitive. Send curriculum vitae, letter of interest, three letters of recommendation, and a list of publications, to: Computer Science Search Committee, Syracuse University, Syracuse, N.Y. 13244. SYRACUSE UNIVERSITY is an affirmative action/equal opportunity employer.

University of Nevada, Las Vegas

Department of Mathematical Sciences

We expect to have one or more positions available in Computer Science contingent upon funding. RANK AND SALARY NEGOTIABLE with position starting September 1983. Requires PhD in Computer Science or closely related field. Prefer interest in computer architecture, microprocessor technology, distributed systems, database systems, operating systems, programming languages, or graphics. To teach in undergraduate computer science major in MSE program, and do research in Computer Science. Send letter of application, resume, transcripts, and names and addresses of four references to: Professor Evangelos Yantis, Search Committee, Department of Mathematics and Computer Science, University of Nevada, Las Vegas, NV 89154. Review of applications will begin February 1, 1983 and will continue until the position is filled. The University of Nevada, Las Vegas IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER.

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FACULTY POSITIONS IN COMPUTER ENGINEERING
The ECE Department of the University of South Carolina has openings in robotics, software engineering, database engineering, distributed systems, computer vision, machine speech, learning control and knowledge based systems. A doctorate in Electrical or Computer Engineering is required. The ECE Department has nineteen faculty members, ten in computer engineering. Each has a V-T100 office terminal providing access to the departmental VAX 11/780 as well as access to the logical network CSNET. The Department also has an experimental center for machine intelligence with image processing systems, speech processing systems, graphics systems, and robots. Please send resume to: Donald R. Donnell, Professor and Chairman, Electrical and Computer Engineering Department, University of South Carolina, Columbia, SC 29208. An equal opportunity/affirmative action employer.

KANSAS STATE UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE
The Department of Computer Science at Kansas State University invites applications for tenure-track faculty positions at all ranks. Applicants should have at least a Ph.D. in Computer Science or expect to receive it by December 1983. Salary will be competitive and commensurate with qualifications. Appointments are available for the academic year and summer employment is available. All applicants must have a commitment to both research and teaching. The Department offers the BS, MS, and Ph.D. degrees. Resources for support of research include three 32-bit UNIX-based minicomputers in the department and access to CSNET. Send resumes to: Dr. Virgil Wallentine, Head, Department of Computer Science, Kansas State University, Manhattan, Kansas 66506. KSU IS AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER.

LEWIS AND CLARK COLLEGE
Faculty Position in Computer Science
Lewis and Clark College, a private liberal arts college situated in Portland, Oregon, invites applications for a position in an expanding Computer Science Department. While a Ph.D. is preferred, other applicants are encouraged to apply. Salary is competitive. The College will endeavor to match a broad spectrum of undergraduate courses in our Computer Science Program as well as contribute to the development and expansion of the curriculum in Computer Science.
Candidates should be committed to the interdisciplinary use of computing appropriate to an undergraduate liberal arts college. The College stresses quality undergraduate teaching and provides the opportunity to conduct research. Candidates having experience in Mathematics, statistics, social/physical/life sciences, or business administration may also be considered. Current facilities include a large VAX 11/780, with substantial software, very adequate terminal access, and several microcomputers. These facilities can be expected to expand as the Computer Science Department develops.
Applicants should send Vita, a letter of recommendation to: Professor H. L. Shapiro, Computer Science Department, Lewis and Clark College, Portland, Oregon 97219. Inquiries are strongly encouraged and should be addressed by March 15, 1983.
UNIVERSITY OF DELAWARE

Are you interested in joining the computer science faculty of a growing, dynamic department in an attractive university town within easy commuting distance of New York, Philadelphia, Baltimore, and Washington, D.C.? The University of Delaware, centrally located on the East Coast, is recruiting prospective tenure-track and visiting faculty for its Department of Computer and Information Sciences. Strong applicants in all areas of computer science are encouraged to apply. Special interest exists for candidates with research expertise in networks, distributed systems, software, symbolic computation, languages, graphics, parallel architectures, software engineering, database systems or other applied areas. A PhD degree or its equivalent, and excellence in research and teaching are required. Salary and rank will be commensurate with the candidate's qualifications and experience. Applications will be accepted until the positions are filled. The appointment begins September 1983.

The Department offers bachelor, master and doctoral degrees. Computing resources in the Computer Center include a DEC KL-10, a dual processor Burroughs 7770, a CDC Cyber 174, two VAX 11/780's, and two PDP 11/70's. Departmental research facilities include two VAX 11/780's, a PDP 11/70, 11/50, 11/45 plus a number of PDP 11's, four Hewlett-Packard 9836's desktop computers, a local area network, and color graphics equipment. Delaware has a development center for CSNET and has direct access to ARPANET and TELENET. Candidates should send a vita and the names of three references to B.F. Caviness, Department of Computer and Information Sciences, University of Delaware, Newark, Delaware 19711.

The University of Delaware is an equal opportunity, affirmative action employer. Applications from members of minority groups and women are encouraged.

THE UNIVERSITY OF TEXAS AT ARLINGTON

The Department of Computer Science and Engineering at The University of Texas at Arlington (UTA) invites your application for one of several tenure-track or visiting faculty positions in all areas of computer science and computer engineering. Preference will be given to persons with interests in operating systems, systems programming, computer graphics, and microcomputers. Candidates should have an earned doctorate or the equivalent and have a commitment to both teaching and scholarly research. Assistant professor and associate professor positions are available. Our department offers the Bachelor of Science, Master of Science, and PhD degrees and currently enrolls over 900 students, including 180 graduate students. We currently have 16 full-time faculty members plus several part-time faculty. Our facilities include an IBM 4341 computer system, a DEC System 2060 time-sharing terminal in each faculty office, as well as numerous microcomputers. UTA is located on a modern 300-acre campus in Arlington, Texas, near the center of the Dallas/Fort Worth metropolitan area. Interested persons should send their resume and references to Professor Bill D. Carroll, Chairman, Computer Science and Engineering Department, Box 19007, University of Texas at Arlington, Arlington, Texas 76019-0015. Deadline for applications to be considered for Fall '83 is March 15, 1983. The university is an Equal Opportunity Affirmative Action Employer.

UNIVERSITY OF PITTSBURGH

The Department of Computer Science has several tenure-track positions which we hope to fill during 1983 and 1984. Responsibilities include undergraduate and graduate teaching and research. Applicants should have a PhD in computer science or closely related area by the time of appointment. An applicant for a senior position should have an established record of scholarly achievements. An applicant for a junior position should present strong evidence of research potential. Salary and rank of each appointee will be determined by his/her background and experience. Eight months or twelve month appointments are possible. The Department has an excellent research library, and laboratories devoted to instruction and research, which are currently being extended with the addition to our 10 M bit/sec ethernet local area network of a VAX 11/780 running under BSD UNIX. There is also convenient access, via an RJ21 Station in the Department, to extensive University facilities for general computing. Send resume to Alts T. Berzins, Chairman of Search Committee, Department of Computer Science, University of Pittsburgh, Pittsburgh, Pennsylvania, 15260. An equal opportunity/affirmative action employer.

THE OHIO STATE UNIVERSITY

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCE

Applications are invited for tenure-track positions at levels of assistant and associate professor. Candidates from all areas of computer science are encouraged to apply. The Department has a good record in both theoretical and applied areas of computer science. Sponsored and experimental research is conducted in artificial intelligence (knowledge base systems), computer communications, computer graphics, database systems, distributed systems, operating systems, parallel processing, program languages, and software engineering. Applicants should submit a resume and have three letters of reference sent to:
Professor Tse-yun Feng, Chairman
Faculty Search Committee
Dept. of Computer & Information Science
The Ohio State University
CA 220A, 2036 Neil Avenue Mall
Columbus, OH 43210

The Ohio State University is an equal opportunity/affirmative action employer.

UNIVERSITY OF NORTH CAROLINA

The University of North Carolina at Charlotte has several tenure-track openings in Computer Science for 1983-84. $26,360. PhD in Computer Science preferred. PhD in related field and experience in Comp. Sci. or equivalent acceptable. UNCC is affiliated with the Microelectronics Center of North Carolina. Closing date Jan. 20, 1983 and every two weeks thereafter until positions are filled. Send reply to Prof. J. Quinn, Dept. of Math., UNCC, Charlotte, N.C. 28223. UNCC is an Equal Opportunity Employer.

TEXAS A&M UNIVERSITY

Applications are invited for tenure-track faculty positions in computer engineering and related subjects. Qualifications include a PhD degree and strong potential in both teaching and research. The department serves 150 graduate students and 1500 undergraduate students with a permanent faculty of 43. Send resume and names of professional references to W. B. Jones, Head, Electrical Engineering Department, Texas A&M University, College Station, Texas 77843. Texas A&M is an affirmative action/equal opportunity 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.

A choice of four pre-conference tutorials:
- Advanced VLSI Packaging
- Ada Programming Language
- Use of Programmable Array Logic
- The Josephson Junction

REGISTER NOW...DON'T MISS THIS CONFERENCE
(See pp. 96A-H in January 83 COMPUTER for Advance Program and Registration Forms)
Cleveland State University

Computer and Information Science, Cleveland State University. Tenure track positions open for people with MS Degree in Computer Science, MIS, Information Systems, or Computer Engineering interested in teaching computer science (two courses per quarter) and research participation. Salary is competitive. Qualifications: Doctorate in Computer Science, MIS, Information System or Computer Engineering. Close relationships to business, engineering, science, and other departments. Provide an environment conducive to research and teaching. In addition to university computing facilities (Interactive IBM/MCS plus batch), the department provides its own laboratories using VAX, PDP/11, and other computers running UNIX and state of the art software for faculty and students. Inquiries and vita should be sent to: Chairperson, Computer & Information Science Department, Cleveland State University, 1983 E. 24th Street, Cleveland, Ohio 44115. An Equal Opportunity Employer.

Cleveland State University

Computer and Information Science, Cleveland State University. Tenure track positions open at assistant, associate, and full professor levels. Responsibilities include graduate and undergraduate teaching (two courses per quarter) and research participation. Salary is competitive. Qualifications: Doctorate in Computer Science, MIS, Information System or Computer Engineering. Close relationships to business, engineering, science, and other departments. Provide an environment conducive to research and teaching. In addition to university computing facilities (Interactive IBM/MCS plus batch), the department provides its own laboratories using VAX, PDP/11, and other computers running UNIX and state of the art software for faculty and students. Inquiries and vita should be sent to: Chairperson, Computer & Information Science Department, Cleveland State University, 1983 E. 24th Street, Cleveland, Ohio 44115. An Equal Opportunity Employer.

Moravian College

Computer Science Faculty Appointment

Applications should have a strong commitment to excellence in undergraduate Computer Science teaching. Well-rounded individuals able to teach utilizing a hands-on approach in several of the following areas are especially invited to apply: operating systems, programming languages and systems, theoretical foundations, data base systems, and computer-based simulation/modeling techniques. The Computer Science major curriculum stresses a balance between the software and hardware aspects of computing. Coursework in both areas is required and provides heavy emphasis on hands-on experience. The College employs as its central computing facilities a PDP 11/45 and PDP 11/70, each using the UNIX operating system. There is also a well-equipped computer laboratory. Moravian College is an independent liberal arts college which places primary emphasis on effective teaching and constructive relationship with students. Enrollment is stable at 1300 full-time and 500 part-time students. Approximately 200 Computer Science majors attend day and evening sessions. Moravian's proximity to Princeton, New York City, and Philadelphia presents unusual opportunities for continued study and research. Minimum qualifications include a MS in Computer Science (or equivalent field) and experience in Computer Science (preferred). Rank and salary will be determined by qualifications and experience. Send letter and resume to: Dr. Walter Brown, Chairman, Computer Science Department, Moravian College, Bethlehem, Pa. 18016. An Equal Opportunity Employer.

California State Polytechnic University, Pomona

Computer Science Department

Applications are invited for one or more tenure-track faculty positions, rank open, starting Fall 1983. Salary dependent upon qualifications ($20,866 to $36,540) for academic year. Applicants must have a Master's Degree, Ph.D. or ABD preferred, in Computer Science or an equivalent area, commitment to excellence in teaching at both the undergraduate and graduate levels, interest and qualifications in two or more of the following areas: software engineering, data base, computer systems, artificial intelligence, computer graphics, theoretical computer science. Respond by April 15, 1983 with a completed application form, resume, 3 letters of recommendation, and official certification of highest degree earned to Search Committee, Computer Science Department, California State Polytechnic University, Pomona, CA 91768. EEO/AA Equal Opportunity Employer. Women, minorities, handicapped persons, and Vietnam era veterans are encouraged to apply.

Florida International University

Miaml, Florida

Tenure track faculty positions in Computer Science are available. Rank and salary commensurate with experience. PhD in Computer Science is required. Duties include undergraduate and graduate teaching, research and university service. Opportunity to participate in development of PhD program. Preferred areas of specialization include operating systems, data base management, networks and programming languages. Qualified persons in other areas of Computer Science will also be considered. Please send resume and three letters of reference to: Dr. Toby S. Berk, Chairperson, Department of Mathematical Sciences, Florida International University, Tamiami Campus, Miami, FL 33199 Applications will be accepted until all the positions are filled. A department representative will attend the ACM Computer Science Conference (Employment Register) in Orlando in February, 1983. FFL is a member of the State University System of Florida's Equal Opportunity/Affirmative Action/Equal Opportunity Employer.

Distinguished Assistant Professorship

Case Institute of Technology

Case Western Reserve University

Nominations and applicants are sought for the A. R. Jennings Distinguished Assistant Professorship in Computer Engineering and Science. Each of these tenure-track positions provides a guaranteed summer salary for two years, a funded research assistant, and $50,000 in discretionary funds for equipment. Salary is commensurate with a distinguished appointment; successful candidates will have a commitment to teaching and strong research interests in one or more of the following areas of experimental computing: VLSI, graphics, operating systems, distributed computing, or architecture. Applications should submit their resume, three letters of recommendation, and transcripts to: Professor C. W. Rose, Chairman, Department of Computer Engineering, Case Western Reserve University; Cleveland, Ohio 44106. An Equal Opportunity/Affirmative Action Employer.

Chairperson—Computer Science

The Department of Computer Science of the University of Idaho invites applications for department chairperson, beginning August 1983. The Computer Science Department, located within the College of Science and Letters, is unique in the state of Idaho and offers both Bachelor's and Master's degrees. A Ph.D. in Computer Science or a closely related field is desired. Preference will be given to candidates who have experience in teaching, industry and research. Closing date: 1 March 1983. May be extended if position is not filled. Candidates should send a resume and three letters of reference to: C. R. Byers, Chairman, CS Search Committee, College of Engineering, University of Idaho, Moscow, Idaho 83843. AA/EOE.

Computer Science

Faculty Position

Trinity University

San Antonio, Texas

Tenure-track position at the rank of Assistant Professor of Computer and Information Sciences. PhD in Computer Science or equivalent required. Starting date is August 1983. Salary is commensurate with background and experience. Term of 9 hours per semester in computer science courses at both the graduate and undergraduate levels, conduct research, advise students, and serve on appropriate committees. Department currently consists of seven full-time faculty and some part-time lecturers. Offers the BS and MS degrees, has 215 undergraduate majors and about 60 graduate students. Founded in 1969 and supplies all of Trinity's service coursework in computer science in addition to the major programs. Computer facilities include IBM 3031 with 4096K, 3 B char disk storage, more than 40 timesharing terminals devoted to faculty and student use, several minicomputers, a microcomputer laboratory, and a graphics laboratory. Trinity University is located in San Antonio, Texas and is now located on a beautiful 100 acre campus in San Antonio. Enrollment is approximately 3200 students. San Antonio is widely recognized as one of America's unique cities. Population is approximately one million. San Antonio has a warm climate and is noted for its scenic beauty, places of historical interest and diverse cultural influence. Send resume and letters of recommendation to Dr. C. J. Trimble, Department of Computing and Information Sciences, Trinity University, San Antonio, Texas, 78284. Deadline for application with letters of recommendation: March 15, 1983. Trinity University is an equal opportunity/affirmative action employer.