FLORIDA INTERNATIONAL UNIVERSITY

Applications are invited for Computer Science faculty positions at all levels. Duties include teaching at the undergraduate and graduate levels, research and service. Applicants should possess a PhD in Computer Science by August 1984 and have a commitment to teaching. Assistant Professor level applicants should have demonstrated teaching ability and research potential. Associate or Full Professor level applicants, additionally, should show a record of research accomplishment. Salaries are very competitive. Present faculty research interests include Simulation, Graphics, Distributed Processing, Data Structures, Algorithms and Mathematical Software, but applicants in all areas will be considered.

The University has received funding for two PhD program in Computer Sciences and expects to accept the first students in 1984-85. Highly successful Master’s and undergraduate degree programs in place.

The Department has a PDP 11/44, assorted micro-computers and a RAMTEK 9531 graphics system. Substantial equipment additions will accompany the PhD program. University facilities include a UNIVAC 1100/81A mainframe. Candidates should send complete resumes and names of three references to:

Dr. David Barton
Department of Mathematical Sciences
Florida International University
Miami, Florida 33199
(305) 554-2743

Florida International University is a member of the State University System of Florida and is an Affirmative Action/Equal Opportunity Employer.

COMPUTER SCIENCE
SEATTLE UNIVERSITY

Seattle University invites applications for a full-time tenure-track position in Computer Science at the Assistant or Associate Professor level, beginning September 1984. Applicants are expected to have a strong background in Theoretical and Applied Computer Science, and should hold a PhD degree in Computer Science or a closely related area. Principal duties involve teaching and related activities in a new undergraduate Computer Science program, offering both BA and BS degrees, with a unique orientation toward software development. An existing master's degree program in Software Engineering offers opportunities for teaching at the graduate level. Applicants are asked to submit a resume and the names and addresses of three references to Dr. Gerald E. Mills, Director, Computer Science/Software Engineering, Seattle University, Seattle, Washington 98122. Deadline for applications is January 31, 1984. Seattle University is an Affirmative Action/Equal Opportunity Employer.

Computer Faculty Positions. The Department of Electrical and Computer Engineering at LSU invites applications for tenure-track and visiting positions available August 1984 in the area of Computer Systems, including microprocessors, Distributed Processing Systems and Special Purpose Architectures. A PhD or equivalent and potential for excellence in teaching and research are necessary. Rank is open. Salary is competitive and commensurate with qualifications and experience. Send resume, names of three references and a statement of teaching and research interests to: Alan H. Marshak, Chairman, Electrical and Computer Engineering, Louisiana State University, Baton Rouge, LA 70803. LSU is an Equal Opportunity Employer.

RICE UNIVERSITY-Applications are invited for an anticipated faculty position in the Computer Science Department. Applicants should have a PhD degree with a commitment to excellence in teaching and research. Candidates from all areas of Computer Science and Engineering 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 1892, Houston, TX 77251.

UNIVERSITY OF WISCONSIN-MADISON

The Department of Electrical and Computer Engineering invites applications for tenure-track and visiting faculty positions in Computer Engineering. A PhD degree is required and successful candidates are expected to participate in both teaching and research activities. Excellence in academic accomplishment and a contributory research involvement are more significant than the particular area of specialization. However, the following areas of special interest: Computer Architecture, Computer Graphics, Computer Networks, Robotics, VLSI Design, and Application of Expert Systems. Rank and salary will be commensurate with qualifications and experience. Send resume and references to Dr. W.P. Birkenmeier, Chairman, Department of Electrical and Computer Engineering, University of Wisconsin-Madison, 1415 Engineering Sciences Building, Madison, Wisconsin 53706. An Equal Opportunity/Affirmative Action Employer.

LEHIGH UNIVERSITY

LEHIGH UNIVERSITY, FACULTY POSITIONS.

Several tenure-track Assistant Professorships are available beginning August 1984 in Lehigh University's dynamic new department of Computer Science and Electrical Engineering. The department builds upon traditions of excellence in its former Electrical and Computer Engineering Department and in its Computing and Information Science Division. We seek individuals with PhD degrees who have a love of teaching, a thirst for knowledge, and the motivation and drive for conducting frontier research. Salary will be given to individuals with expertise in Artificial Intelligence, Computer System Architecture, Database Systems, Digital Control and Robotics, Signal Processing, Solid State Devices and Very Large Scale Integration. If you possess these qualifications, we are interested in showing you the opportunities at Lehigh University in the beautiful Lehigh Valley. Send your application to Eric Theis, Chairperson, Computer Science and Engineering Department, Packard Laboratory #19, Lehigh University, Bethlehem, Pa. 18015 preferably by March 15, 1984. Lehigh University is an EOA/A employer.

ILLINOIS BENEDICTINE COLLEGE—COMPUTER SCIENCE FACULTY

Illinois Benedictine College invites applications for tenure-track teaching position in Computer Science for Fall 1984. Applicants should hold a PhD in Computer Science. Responsibilities will include undergraduate teaching, curriculum development, and assisting in the design of a future masters degree program. Summer teaching available under separate contract. Salary competitive.

Illinois Benedictine College is a selective, liberal arts, coeducational college enrolling more than 2000 students. The 109 acre campus is located 25 miles southwest of Chicago. The College maintains a close working relationship with the high technology laboratories and firms concentrated in the west suburban area. The Computer Science program, which has grown to 250 majors in 5 years, was developed with the partial support of Title III and NSF CAUSE multiyear grants.

Send Application letter and resume to:

Dr. Phyllis M. Kittle, Chairperson
Department of Mathematics and Computer Sciences
Illinois Benedictine College
5700 College Road
Lisle, Illinois 60532
(312) 960-1500

Equal opportunity, affirmative action employer.

January 1984
The Chairman of the Department of Information Systems in the College of Business Administration is responsible for providing academic leadership in the department, which includes undergraduate, masters and doctoral degrees in Information Systems and related research and continuing activities. The Chairman must have the ability to work successfully with a large and established business community in the Atlanta metropolitan area, which is both the financial service center of the southeast and a major software organization.

Potential candidates should be qualified to develop and administer academic programs in Information Systems patterned after ACM Curriculum 1982 in an AACSB-accredited college of business offering both graduate and undergraduate programs. They should have an earned doctorate or equivalent from an accredited university and credentials that warrant employment at the rank of Associate Professor or Professor in the Department of Information Systems. Candidates should have teaching experience at the graduate and undergraduate levels and a record of significant research and publications. Candidates with exceptional alternative qualifications can also be considered.

The University expects to fill the position on or about July 1, 1984. Salary is competitive and consistent with qualifications. Nominations must be postmarked by February 21, 1984, and applications by March 1, 1984. Submit letter of application and resume, or nominations, to: Dean Kenneth Black, Jr., Chairman Search Committee for Chairman of Department of Information Systems College of Business Administration Georgia State University University Plaza Atlanta, Georgia 30303

After screening applications, the Search Committee will request from the most promising candidates a list of references whom members of the Search Committee will contact directly.

AN EQUAL EDUCATIONAL AND EMPLOYMENT OPPORTUNITY INSTITUTION

Department Head, new Department of Computer Science, University of Georgia. Senior tenure-track position. PhD and experience required. Submit resume and names of three references. Closing date: February 15, 1984. Appointment date: September. We also receive applications or nominations to: Ralph A. Bradley, Statistics & Computer Science Department, University of Georgia, Athens, GA 30602. EEO-AA

SOFTWARE ENGINEERING

SEATTLE UNIVERSITY

Seattle University invites applications for a full-time tenure-track faculty position in its graduate program in software engineering at the Assistant or Associate Professor level, beginning September 1984. The program, established in 1979, offers the Master of Software Engineering (MSE) degree. Qualifications include the PhD degree in a software-related discipline and significant experience in an area such as Systems Analysis/Design/Implementation Methodologies or MIS Design/Implementation. Opportunities also exist to teach in a new, comprehensive BS degree program in Computer Science. Applicants are asked to submit a resume and the names and addresses of three references to Dr. Evrenol E. Buyukmihci, Director, Computer Science Software Engineering, Seattle University, Seattle, Washington, 98122. Deadline for applications is January 31, 1984. Seattle University is an Equal Opportunity/Affirmative Action Employer.

CAD/CAM/CAE SOFTWARE ENGINEERS

Opportunities open for creative software development professionals. BS or MS degree, or PhD required. Applicants must have experience and a good academic record. If you are interested in joining an innovative CAE workstation design team committed to advancing state-of-the-art product design technology, forward your resume to Wayne C. Howard, SIIPI, P.O. Box 1568, Laurel, MISSISSIPPI 39440 (601) 425-3151.

PURDUE UNIVERSITY FACULTY POSITIONS

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 contributive research activity and a doctorate in Electrical or Computer Engineering. Areas of research specialization that are of particular interest are computers and microelectronics. Resumes should be directed to: Head, School of Electrical Engineering, Purdue University, West Lafayette, IN 47907. Immigrants and U.S. citizens should be stated in dossier. Purdue is an Equal Opportunity/Affirmative Action Employer.

GEORGIA INSTITUTE OF TECHNOLOGY

The School of Information and Computer Science invites applications for faculty positions at all levels. Applicants should have a commitment to teaching and should show a record of outstanding research accomplishment or the prospect of such accomplishment.IEEE membership and teaching experience at the graduate level are desirable. Salary is competitive and consistent with qualifications. Nominations must be postmarked by February 15, 1984, and applications by March 1, 1984. Submit letter of application and resume, or nominations, to: Dr. Eugene Wong, School of Information and Computer Science, Georgia Institute of Technology, Atlanta, Georgia 30332. EEO-AA

COMPUTER ENGINEERING

GEORGIA TECHNICAL COLLEGE

We invite innovative and creative research in Computer Science and Computer Engineering to apply for tenure-track positions at all levels. We are particularly interested in candidates whose research areas include Distributed Systems Architecture, Programming Methodology, VLSI Systems and Design Automation, Graphics, Artificial Intelligence and Analysis of Algorithms. Applications will be judged primarily on their ability to strengthen our program in research and teaching.

CWRU is a small private university with a total enrollment of about 8000 of which about 4500 are graduate and professional students. The university campus is 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 11 growing to 15 and a graduate student body of 80 students. 35 of which are currently in the Ph.D program. Facilities include a VAX 11/780, VAX 11/782, PDP 11/45, four Apollo systems, and major software and vector graphics systems. We also have three large DEC-20 systems of the university.

Applicants should submit their resume and names of three references to: Professor C. W. Rock, Chairman, Department of Computer Engineering and Science, Case Western Reserve University, Cleveland, Ohio 44106. An Equal Opportunity/Affirmative Action Employer.

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The State University of New York at Buffalo invites nominations and applications for the position of Chairperson, Department of Computer Science. We are seeking a distinguished scholar who can provide effective leadership for a small but expanding department. Candidates should have a broad background and a record of significant research in Computer Science, as well as experience in group leadership and administration.

The University at Buffalo is the largest and most comprehensive university center in the SUNY system. It was founded in 1846 as the private University of Buffalo and joined the SUNY system in 1962. The local and SUNY central administrations have made substantial commitments to increasing faculty and equipment resources to strengthen Computer Science at Buffalo. A significant increase in the number of computer Science faculty is planned for the immediate future, and a major upgrade of equipment resources, both within the Department and throughout the University, has already begun. The Computer Science Department was founded in 1967. It presently consists of 8 tenured or tenure-track faculty, three visiting lecturers, and five associated faculty members from other units of the University. There are approximately 40 Ph.D. and 70 Masters students, and a limited, extremely selective group of undergraduate majors. The faculty are actively engaged in research, principally in the areas of artificial intelligence and theory and computer. Computer facilities in the Department include a VAX 11/780, 2 VAX 11/750s, and a variety of graphics and image processing equipment, all operating under Berkeley UNIX. In addition, there is a microcomputer laboratory and numerous workstations. This equipment is supported by a laboratory manager and a full-time systems programmer. The central university computer facilities include a CYBER 730 and a CYBER 815. Applications should forward a complete resume and a description of current research activities to:

Dr. Bruce McCombe, Chairman, Computer Science Search Committee, Office of the Dean, FNSM, 732 Clemens Hall, State University of New York at Buffalo, Buffalo, New York 14260.

Earliest appointment date is August, 1984. Salary is very competitive and is negotiable. Application closing date is January 31, 1984, or until a suitable candidate is selected. The State University of New York at Buffalo is an Equal Opportunity/Affirmative Action Employer.

ARKANSAS STATE UNIVERSITY
COMPUTER SCIENCE

Applications are invited for one or more faculty positions (Instructor, Assistant, Associate, or Full Professor) in Computer Science beginning August 15, 1984. Doctorate in Computer Science preferred. Doctorate in a related field with significant education or experience in Computer Science considered. Master's in Computer Science with doctoral potential considered. Send letter of application, resume, complete transcripts and three references to: J. L. Linnstedt, Chairman, Department of Computer Science, Mathematics, and Physics, ARKANSAS STATE UNIVERSITY, 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.

STATE UNIVERSITY OF NEW YORK
UNIVERSITY OF BUFFALO
Department of Computer Science
Full Professor and Chairperson

The Department of Electrical Engineering and Computer Science seeks candidates for faculty and research staff positions starting in September 1984. We are anticipating openings for a number of junior faculty appointments for individuals who are completing, or who have recently completed, a doctorate. We are interested in candidates in the specific areas described below. Faculty duties include teaching at both the graduate and undergraduate levels, research, and supervision of theses.

COMPUTER SCIENCE. We are especially interested in candidates in either Computer Systems (Operating Systems, Programming Languages, Computer Architecture, Databases), Computer Science Education, or (Planning, Manipulation, Vision).

OPTICS and QUANTUM ELECTRONICS. Preference will be given to candidates with experimental interest in Semiconductor Physics, Ultrashort Laser Phenomena, High-Speed Opto-Electronics, or Shortwave Technology.

INTEGRATED CIRCUIT/SYSTEMS DESIGN and TECHNOLOGY. As part of an expanding M.I.T. program in Microsystems, a new faculty member would be expected to contribute to research in design automation for integrated circuits and systems, and/or to the development of novel integrated circuits, both analog and digital.

PLASMA DYNAMICS. A faculty member in this area would be expected to conduct research in Experimental Plasma Fluid Dynamics, 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 when appropriate. A doctoral or equivalent experience is required. Research Associate salaries range from $24,000 to $38,000, depending on background and experience. All candidates should write to the address below describing their professional interests and goals and indicating for which of the above 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, describe their visa status. Although primarily interested in appointments in the specific technical areas described above, we will also consider exceptionally 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 directly to 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 36-435
Massachusetts Institute of Technology
Cambridge, MA 02139

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

January 1984

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WRIGHT STATE UNIVERSITY
COMPUTER SCIENCE/COMPUTER ENGINEERING

Applicants are invited for full-time tenure track positions in Computer Science and/or Computer Engineering at all professional levels. Rank and 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 department is interested in hiring faculty to work in the areas of Robotics, Computer Graphics, Computer Communication, VLSI Design, Microprocessor System Design, Artificial Intelligence, Process control and Industrial Automation. The University has singled out Computer Science/Computer Engineering as an area of highest priority for continued development funding and a privately funded Chair position is available in the department. 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 population 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 success and leadership in research. Please submit detailed resumes including names of references to: Dr. Joseph Kohler, Chairman, Recruiting Committee, Department of Computer Science, Wright State University, Dayton, Ohio 45435. An equal opportunity/affirmative action employer.

SUNY Stony Brook. The department of Electrical Engineering, SUNY at Stony Brook, invites applications for anticipated openings for all professor 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, Robotics and Artificial Intelligence, Communications and Computer Networking, VLSI Design and Fabrication, Experimental Device Fabrication, Microwave Acoustics, and Microwave Magnetics. Applicants in other areas will be considered. The Department has close relations with local high technology industry. Stony Brook combines the attraction of a semi-rural location with proximity to the resources of the New York City area.

Please submit resume to: Dr. Stephen D. Shapiro, Chairman, Department of Electrical Engineering, SUNY Stony Brook, Stony Brook, NY 11790. SUNY Stony Brook is an equal opportunity/affirmative action employer. AK# 791.

COMPILE/LINKER DESIGN.

Positions open for creative microprocessor compiler/linker programmers. BS, MS, or Ph.D. required with experience and a good academic record. If you are interested in joining an innovative CAE workstation design team committed to advancing state-of-the-art product design technology, forward your resume to Wayne Causey, Howard Industries, Inc. P.O. Box 1568, Laurel, MISSISSIPPI, 39440. (601) 425-3151

CIVILIAN CAREER OPPORTUNITIES FOR

- COMPUTER SCIENTISTS
- SYSTEMS/SOFTWARE ENGINEERS
- SYSTEMS PROGRAMMERS
- SYSTEMS ANALYSTS
- EQUIPMENT ANALYSTS
- APPLICATIONS PROGRAMMERS
- APPLICATIONS SYSTEMS PROGRAMMERS/ANALYSTS

AREAS OF APPLICATION INCLUDE:

Communications, Electronics Research and Development, and Logistics Management Applications, Development and Support of Battlefield Automated Systems, and Office Automation

SALARY RANGE: $24,500 to $33,000 dependent on qualifications. We are an equal opportunity employer and offer excellent professional development and opportunity for tuition free graduate study.

LOCATION: In beautiful eastern Monmouth County, on the Jersey shore, one hour from New York City and Atlantic City and living distance from nationally recognized universities.

It would be an asset if you have experience and are interested in working with a wide range of commercial and military computer systems, using languages such as COBOL, ADA, FORTRAN, PASCAL, Assembler etc. WE HAVE A CAREER FOR YOU! CONTACT our Job Information Officer at 201-532-2660.

Commander, US Army CECOM
Civilian Personnel Office
Fort Monmouth, NJ 07703

GROWTH POTENTIAL IN COLORADO

The University of Denver is the largest independent, non-sectarian university in the Rocky Mountain West. The Department of Computer Science and Computer Science at DU has a rapidly growing Computer Science faculty, with four new junior faculty members in the past two years. Open positions currently open, including two senior positions. Long-term advantages of locating at the University of Denver include the following:

1) We have an administration financially committed to the development of our program. And we offer the flexibility of a private institution.

2) We are located in a rapidly expanding high-tech area with excellent opportunities for interaction with industry. Denver's cultural and recreational opportunities will continue to attract technologically oriented business to this area, and top quality academic personnel to the University of Denver.

3) The presence of Mathematics and Computer Science together in one department fosters beneficial cooperation both in curricular and research.

Current research interests of our faculty include Data Structures and Algorithms, Computational Complexity, Text Processing, Database Systems, Pattern Recognition, Automata and Formal Language Theory, Computational Linguistics, Software Testing, Data Models, Numeric Algorithms, Algorithmic Graph Theory, and Coding Theory. However, we are not restricting our recruiting efforts to these areas. We have BS and MS programs in Computer Science, with a new PhD program in Computer Science in the planning stage. We anticipate that our PhD program will be in place within one year of the time that these positions are filled. Finally, funding has been approved for a VAX 750 with several VAX super-micro workstations as a departmental research machine. For details, please contact Stanley Gudder, Department Chairman, (303) 753-2594, or James LaVita, Search Committee Chairman, (303) 753-2594. University of Denver, Denver, Colorado 80208.

NEW YORK UNIVERSITY

The Computer Science Department expects to have several faculty positions available beginning in September 1984 and invites applications at all levels. Candidates for Assistant Professorships are expected to have earned a doctoral degree by that date.

The resources of the department have grown substantially in recent years and it now has 19 full-time faculty members and a substantial research staff. The department is part of New York University's Faculty of Arts and Science and the Courant Institute of Mathematical Sciences, a major research institute which has a large computing center, and several large research groups in computer science and applied mathematics. Major funding in Parallel Computing, Robotics, High-Level Programming Languages, the Ada Language, Software Prototyping, Natural Language Processing, and Numerical Analysis is provided by a number of federal agencies. A laboratory for Experimental Computer Science and Robotics has recently been opened. The university, one of the largest private educational institutions in the country, is located in one of the most attractive residential areas of Manhattan.

Resumes should be sent to Professor O. Widlund, Chairman, Department of Computer Science, New York University, 251 Mercer Street, New York, New York 10012. An Equal Opportunity/Affirmative Action Employer.
Applications are invited for tenure-track faculty positions in the areas of Computer Engineering, Image Processing and Micro Processors. Positions involve teaching at the graduate and undergraduate level and participation in research. Applicants must have a PhD or equivalent. Rank and salary depend on qualifications. The Electrical and Computer Engineering Department has recently received more than $4 million as an endowment for its programs. The department has more than $600,000 per year sponsored research and a PhD program. To establish their research programs, new faculty will be given special consideration in terms of equipment budget and summer support for the first two years. The departmental research computing resources include: VAX 11/750, IBM 370/158 and 4341 Model Group 2, VICOM Image Processing System, Mini/Micro Computer Lab. Send resume to Dr. G.V.S. Raju, Chairman, Electrical and Computer Engineering Department, Chipper Research Labs, Ohio University, Athens, Ohio 45701 An Equal Opportunity and Affirmative Action Employer.

WASHINGTON UNIVERSITY FACULTY POSITIONS IN COMPUTER SCIENCE

Applications are invited for permanent faculty positions at the Professor, Associate Professor and Assistant Professor rank. Experience in Database Machine Design, Image Processing or Graphics is particularly desirable. Also desired are candidates interested in applying computer science and engineering to the specification and design of multiprocessor systems. Experimental work in custom VLSI systems design as well as excellent opportunities in teaching and research are available in an expanding department. For more information write to Prof. Jerome R. Cox, Jr., Chairman, Department of Computer Science, Washington University, Box 1045, St. Louis, Missouri 63130 Application Deadline: February 1, 1984

The University is an Equal Opportunity/Affirmative Action Employer.

WASHINGTON UNIVERSITY FACULTY POSITIONS IN COMPUTER ENGINEERING

Applications are invited for tenure-track positions in the areas of Computer Engineering and Computer Science. Applicants should have the ability to bring in and work with 3-year, 5-year, or 7-year students. Applications are invited for tenure-track positions in the areas of Computer Engineering and Computer Science. Applicants are invited to submit a detailed resume and the names of three references to: Professor B. J. Krueger Department of Electrical Engineering and Computer Science University of Wisconsin—Milwaukee

Milwaukee, WI 53201 An Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE

Applications are invited for at least four tenure-track positions in Computer Science. PhD in Computer Science preferred. PhD in Mathematics or a related area acceptable. The University is an Equal Opportunity Employer.

California State University, Fullerton, The Department of Electrical Engineering at California State University, Fullerton seeks applications for tenure-track positions starting in August 1984. Outstanding candidates may also be considered for Associate Professor level. Applicants must hold a PhD in Electrical Engineering. Applicants should send Curriculum Vitae, and the names of three references to: Dr. W. R. H. Eames, Chair, Electrical Engineering Department, California State University, Fullerton, CA 92634. Applications accepted until positions are filled. CSUF is an Affirmative Action/Equal Opportunity/Title IX Employer.

CALIFORNIA STATE UNIVERSITY, NORTHridge

DEPARTMENT OF COMPUTER SCIENCE

Applications are invited for tenure-track and one year lecturer positions at the Assistant, Associate or Full Professor level, beginning August 1984. A PhD in Computer Science or a related area is preferred for the tenure-track positions. Send a resume and three letters of reference to: Prof. John Mott, Acting Chair, Computer Science Department, California State University, Northridge, Northridge, CA 91330 by March 1, 1984.
Applications are invited for several tenure-track faculty positions at all academic ranks as well as visiting faculty positions from holders of NSERC Research Fellowships would be especially welcome for visiting positions. Candidates from all areas of Computer Science will be considered.

Applicants for senior positions should have a PhD in Computer Science or closely related area with a well established record of research achievement. Applicants for junior positions should have a PhD in Computer Science or nearing completion of a PhD.

The department is anxious to build a strong research component into a rapidly expanding department. Applicants will be expected to assist in strengthening an existing MSc program. In addition to conducting research and supervision of graduate students, responsibilities will include teaching at the graduate and undergraduate level. Decreased teaching loads are possible for those applicants who have a strong research potential.

Departmental computing is primarily supported by a VAX 11/780 running under 4.1 BSD UNIX Operating System. It is expected that this facility will be expanded in the near future to include a second VAX. Graphics facilities include an M68000 based colour graphics workstation plus a PDP 11/34 based vector refresh graphics workstation, both of which run under UNIX. Two bitmapped graphics terminals, a colour graphics terminal, a plotter and a line printer provide additional support. Our department is a member of the UNIXnet via Datapac. Our microprocessor lab is centered around the Explorer 8088 microprocessor development system. In addition University Computing Services offers access to an AMDAHL 580 running MVS, a VAX 11/780 running VMS, and a PDP 11/70 running RSTS.

Salary will be commensurate with qualifications. Appointments will begin at the earliest possible date.

To be considered for one of these positions please send your curriculum vitae and the names and addresses of at least four references to:

Prof. J. M. Foltz Head
Department of Computer Science
Memorial University of Newfoundland
St. John’s, Newfoundland, Canada
A1C 5S7

In accordance with Canadian Immigration regulations, first consideration will be given to those applicants at the time of recruitment who are legally eligible to work in Canada for the period covered by this position.

Franklin University, a private, urban 4-year school dedicated to excellence in teaching with a student body of 5600 commuting students seeks applicants for Computer Science position to teach courses in ACM Curriculum-78 program. MS in Computer Science or Ph.D. in related area from an accredited University are preferred. Excellent salary, fringe benefits include tuition remission, beautiful campus, and location in the heart of Columbus, Ohio.

Franklin University, COLUMBUS, OHIO

Faculty Positions in Computer Science and Engineering Available at Northwestern University

Evanston, Illinois

The Department of Electrical Engineering and Computer Science at Northwestern University has faculty openings starting with the academic year 1984-85. We are primarily interested in candidates with main interest in: 1) Distributed Computer Systems, Computer Architecture, Very Large-Scale Integrated Circuits, Programming Languages, Database Management, Operating Systems, Software Engineering, Computer Graphics, Robotics, Artificial Intelligence, and Biomedical Computing. These openings are regular full-time faculty positions. They are normally at the tenured-track Assistant Professor level. Experienced and outstanding candidates may be considered for higher ranks. Northwestern University is an affirmative action employer and encourages applications from women and members of minority groups. Applicants should have a doctoral degree in Computer Science, Electrical Engineering or a closely related field before the faculty appointment starts.

Interested persons should send their resume and the names and addresses of at least four references to:

Dr. Stephen S. Yau, Chairman
Department of Electrical Engineering
and Computer Science
Northwestern University
Evanston, Illinois 60201

The University of Texas at Dallas

Several faculty positions are available in Computer Science. All ranks are open (Assistant Professor (tenure-track) to Professor) and visiting positions may also be available. The PhD in Computer Science or equivalent is required. Applicants for senior-tenured positions must have a strong publication record. Applicants for non-tenured positions should demonstrate promise of future research activity. Responsibilities include research, teaching, and direction of PhD dissertations. The University is located in the most attractive suburban of the Dallas metropolitan area where many high technology industries are located. With active support of the State of Texas and these industries, UTD seeks to move from a small research oriented program which has already turned out some excellent PhD graduates to a major center for computer science research and teaching. The Program’s computing equipment includes a VAX 11/780 and several minicomputers dedicated to research. The University’s equipment includes an IBM 3411, a Cray-1, a Cray-1B, a Matrix-200, a CDC Cyber 170-855 and VAX 11/780 mainframes, available plus a modern equipped electronics laboratory. Competitive twelve-month salary, attractive benefits package. Position is currently open and applications will be accepted until position is filled. Send letter of application and resume to Robert O. Johnson, Franklin University, 1015 S. Grant Avenue, Columbus, OH 43215, (614) 224-6237.

Academic Search #261

The University of Texas at Dallas

P.O. Box 630668
Richardson, Texas 75083-0668

The University of Texas at Dallas is an Affirmative Action/Equal Opportunity Employer.

Eastern Michigan University

Department of Mathematics

and Computer Science

Eastern Michigan University has several tenure-track positions in Computer Science starting Fall 1984. A doctorate in Computer Science, or in a related discipline coupled with significant achievement in Computer Science is preferred. ABD may be considered. Rank and salary are negotiable.

EMU has an established and respected undergraduate program in Computer Science, initiation of a masters degree program in Fall 1984 is expected. Applicants should be able to teach Computer Science courses both at the undergraduate and graduate levels and should be active in research and the preparation of grant proposals. All areas of specialization will be considered; specific needs exist in Data Bases, Computer Architecture, Networks, Operating Systems, and Real Time Processing.

Computing is currently supported by DEC-10 and DEC-20 systems, and by various microcomputer systems. Teaching loads are 9 contact hours per week, with possible released time for research.

Eastern Michigan University is located in Ypsilanti, adjacent to Ann Arbor and 30 minutes drive from Detroit. The area offers excellent consulting opportunities and cultural benefits. Salaries are competitive, there is an excellent fringe benefits package. To apply for the positions, a standard application form must be submitted along with a resume and three letters of reference. The completed package of application materials must be received on or before February 29, 1984. Requests for applications and completed application materials must be received on or before February 29, 1984. Requests for applications and completed application materials must be addressed to: Eastern Michigan University, Personnel Department, 310 King Hall, Ypsilanti, MI 48197 phone: (313) 487-3430.

Eastern Michigan University is an equal opportunity/affirmative action employer and educational institution.

Nominations and applications are invited for the position of Professor and Head, Department of Computer Science. The Head has administrative responsibilities for planning and budgeting, and provides leadership in the development of departmental goals and in the department's research and teaching capabilities. Currently, the department has 19 full-time faculty and has been authorized to recruit four additional faculty this year. Faculty include a Cray-1, three CDC Cybers, departmentally owned VAX 11/780, MV 8000, and a cluster of SUN workstations. In addition, the department is a major participant in the Minnesota Supercomputer Center,one of the two industrial and state sponsored centers in microelectronics and information science.

Applicants should have an earned doctorate in Computer Science or a related field, and should have a proven record of Computer Science research, outstanding scholarly/professional accomplishments, and administrative ability. Applicants should send a complete resume including 4 references to Professor Sartaj Sahni, Computer Science Department, 207 Church Street SE, University of Minnesota, Minneapolis, MN 55455. Application deadline is March 1, 1984.

The University of Minnesota is an equal opportunity employer and specifically invites and encourages applications from women and minorities.
Applications are invited for faculty positions at the Assistant, Associate or Full Professor level. Candidates from all areas of Computer Science will be considered. Of particular interest are applicants for tenured or tenure-track positions in the design of fifth generation computer systems. The Department of Computer Science has 15 full-time equivalent senior faculty members and additional teaching staff. There is a tradition of quality instruction at the BS, MS and PhD levels. The University has initiated a massive commitment to build a center of excellence in Microelectronics & Computer Science. This commitment has been precipitated by the decision of the Microelectronics and Computer Technology Corporation (MCC), the industry-wide consortium of computer manufacturers interested in fifth generation computer systems, to locate nearby.

Computer Science at Texas A&M University is located in the College of Engineering. With nearly 12,000 students, the College of Engineering is the nation’s largest. Computer Science must expand to become one of the largest and most competitive in the country.

We seek excellence in research. To get it, Texas A&M will provide superior instructional & research facilities for its Computer Science & Microelectronics faculty. The University will provide the internal resources to achieve this goal quite apart from the vicissitudes of federal support. Applicants at the assistant professor level should show substantial promise for research & teaching. Applicants at the higher levels should show a strong record of research achievement. Ability in teaching graduates & undergraduates is also essential. Appointments are made on a 12-month basis. Our academic salaries will be highly competitive.

Applicants should submit a resume and three references to:

Bruce H. McCormick
Head, Computer Science Department
Texas A&M University
College Station, Texas 77843

Texas A&M University is an equal opportunity/affirmative action employer.

BOSTON UNIVERSITY, Metropolitan College
Computer Science Department has a tenure-track position at the Assistant
Associate Professor level, available September, 1984. We are especially interested in a faculty member in core Computer Science areas or Microelectronics. A PhD is preferred, but well-qualified candidates with alternative experience will be considered. The research interests of the department’s seven full-time faculty members include Software Engineering, Database Management Systems, Information Systems, Data Communications, Operating Systems and Artificial Intelligence. Computing facilities include an IBM 3081, a PDP-11/04, microcomputers, Personal Computers and interactive graphics systems. The program, one of the largest in the New England area, offers masters and bachelors degrees in Computer Science and Information Systems. The courses are offered primarily in the evenings and attract professionals from the high technology companies in the surrounding area. The resulting student body provides a demanding and stimulating teaching environment. Applicants should send curriculum vitae and the names of three references to Dr. Victor Stern, Metropolitan College Computer Science Department, Boston University, 755 Commonwealth Avenue, Boston, MA 02215. Boston University is an equal opportunity/affirmative action employer.

THE FLORIDA STATE UNIVERSITY

The Department of Computer Science invites applicants for tenured-track and visiting positions at all levels in all areas of Computer Science. Applicants should have PhD degree in Computer Science or related field. The department seeks applications in the areas: VLSI Data Communication/Computer Networking; Computer Graphics; Digital Systems Architecture; Software Engineering and Artificial Intelligence. Very competitive salaries will be offered to the right candidates. The department offers BA; BS; MA; MS; and PhD degrees in Computer Science and has 50 master’s and 375 PhD students, in the upper 1000 undergraduate majors. Easy access is available to university facilities for general computing. With Cyber 760 and Cyber 730 systems FSWCC is one of the best in the nation. The FSWCC presently supports over 600 terminals; 17 remote batch stations; 75 micro-computer systems; and the Plato Based-Computer Education System. The Florida State University is located in the beautiful capital of Florida; which experiences mild, sunbelt climate.

Candidates should send complete resumes and names of three references to:

Dr. Abraham Kandel; Chairman
Department of Computer Science
Florida State University
Tallahassee, Florida 32306
(904) 644-1525.

Florida State University is an Affirmative Action Equal Opportunity Employer and encourages applications from members of minority groups and women.

THE UNIVERSITY OF FLORIDA

Computer Science—BREvard Campus
Cocoa Beach, Florida

Faculty Positions

The University of Central Florida has established a campus in Brevard County on the East Coast of Florida. Among the missions of this new campus is the support of high tech industries in their new venture. Computer Science education. Several tenure-track positions are open. These are all at the rank of Assistant Professor. Although the holders of these positions will have their primary assignments in Cocoa Beach, the appointments are in the Computer Science Department at UCF’s main campus in Orlando. As such, these positions are a part of a PhD granting department. Performance will be evaluated on research as well as teaching.

Applicants should have a PhD in Computer Science or a related discipline and should be prepared to teach and carry out research in the areas of Programming Systems as typified by Language Design, Tools Development and the study of Programming Environments. The deadline for all applications is March 1, 1984. Please send your letter of application and a recent resume to:

Computer Science—Brevard Campus
Department of Computer Science
University of Central Florida
Orlando, Florida 32816
Telephone (305) 275-4141

DEPARTMENT OF COMPUTER SCIENCE
THE UNIVERSITY OF CENTRAL FLORIDA
ORLANDO, FLORIDA

Faculty Positions

The Department of Computer Science at the University of Central Florida is seeking to fill several tenure-track faculty openings. These positions, which will normally be at the rank of Assistant Professor, are in addition to the one advertised for our recently funded $1 million endowed chair.

Applicants should have a PhD in Computer Science or be PhD candidates who have clearly demonstrated their ability and talent to complete their dissertation. Although we will consider all research areas, we are particularly interested in the areas of Data Communications, Graphics, Numerical Analysis, Programming Systems (Languages, Tools, and Environments), and Architecture with an emphasis in VLSI Design. The department research facilities are managed and supported by a full-time technical staff.

Machines maintained within our department include two Digital Equipment VAX machines, a microprocessor laboratory and a VLSI design lab, as well as access to a wide variety of computers on campus and within the various Florida and national networks.

Central Florida and Orlando are becoming centers for high technology. This is evidenced by the presence of a large research park contiguous to our campus. This park fosters industrial/university cooperation and the benefits that come from such a close relation. In addition, Orlando offers an excellent environment for living.

The deadline for all applications is March 31, 1984. Please send your letter of application and a recent resume to:

Dr. Terry J. Frederick
Department of Computer Science
University of Central Florida
Orlando, Florida 32816
Telephone (305) 275-2341


POSITION FOR LECTURER OR ASST. PROF. ($19,044 - 22,896), OR ASSOC. PROF. ($23,976 - 28,316), OR PROF. ($30,276 - 36,540) OF COMPUTER SCIENCE AVAILABLE IN JAN. APR OR SEP 1984 to offer undergraduate 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 equated to 12 hours per week of lecture and lab. The PhD in Computer Science is preferred. MASTER'S IN COMPUTER SCIENCE and a dissertation in related field and equiv. exper. will be considered. Facilities consist of local CDC Cyber 720 and PDP 11/45 microcomputers, microcomputer lab, and computer resources to support various CSUC and local campus system facilities. Applicants should submit letter of application, vitae, three letters of recommendation and all official transcripts. Applications will be accepted until the position is filled; will not close prior to December 15, 1983.

Send all materials to:

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

UNIVERSITY OF DELAWARE

Faculty Positions—All levels

Computer Science Department
University of Lowell

Applications are encouraged for several tenure-track positions at the Assistant, Associate and Full Professor ranks. Innovative candidates from all areas of Computer Science will be considered. Sabbatical leave visitors are invited. Preference will be given to those with interest which coincide with active departmental research areas—DBMS, Software Engineering, Data Communications, Computer Architecture, Knowledge Based Systems or Robotics. University of Lowell is a Massachusetts State University, located in the center of the world's minicomputer and electronics activity and the 128 Mile High Technology Belt. We are within 15 miles of the corporate headquarters and R & D development centers for DG, DEC, Wang, Prime, Computervision, Apollo, Analog Devices, Lexidata, Automatic, etc. The Boston academic centers are within easy commuting distances. Faculty cooperative and exchange programs exist with a number of firms. Lowell is considered to be one of the most cultural and recreational areas for which New England is famous. Our undergraduate program has 700 students. MS and DSc programs, strongly supported by the technology community, are in place. The department has dedicated VAX 11/780, two VAX 11/780's and two VAX 11/770's, the latter four running UNIX and connected by an Ethernet. Plans are underway to substantially increase the computing facilities' capacity in Lowell, Massachusetts, in computing in 1984. The CIS Department shares a growing joint research laboratory with the Electrical Engineering Department. This laboratory includes two VAX 11/780's, two VAX 11/770's (all running UNIX), a file server, a terminal server and an I/O server all connected by an Ethernet. Additionally, there are a number of smaller PDP-11's, four Data General Decisions, three Digital Equipment, an HP 3000, and color graphics equipment. Delaware is a development center for CSNET and has direct access to ARPANET and TELENET. Candidates should send vita and the names of three references to B.F. Caviness, Chairman, Department of Computer and Information Sciences, University of Delaware, Newark, Delaware 19716.

The University of Delaware is an Equal Opportunity/Affirmative Action Employer. Applications from members of minority groups and women are encouraged.

UNIVERSITY OF PITTSBURGH

Computer Science

The Department of Computer Science, which currently consists of 17 faculty members, has several positions to be filled before the end of 1984. Responsibilities include undergraduate and graduate teaching, research, and supervision of PhD dissertations. An applicant should have a PhD by the time of hire and an appointment, preferably in Computer Science, but if it is in a related area, substantial research experience in a mainstream area of Computer Science, such as Languages, Operating Systems, Data Base Systems, Software Engineering, etc., is essential. Salary and rank will be determined by the appointee's experience. An applicant for a senior position should have a strong record of scholarly achievement; an applicant for an Assistant Professor should present evidence of research potential. Appointments are for either eight or twelve months. The department has an excellent research library. Departmental computing facilities are connected into a LAN and include a VAX 11/780 (under BSD UNIX) fully dedicated to research. There is also convenient access to extensive general university facilities for computing. Send resume, referee letters, and statement of research interests and plans to:

Dr. Dennis C. Long, Chairman
Department of Computer Science
University of Pittsburgh
Pittsburgh, PA 15260

UNIVERSITY OF HOUSTON

Applications are invited for tenure-track faculty positions in the Department of Computer Science starting September 1984. Rank and salary open. Candidates should have a PhD in Computer Science or a closely related area, and strong research interest, particularly in Artificial Intelligence, Computer Graphics, Operating Systems, or Programming Languages. Send resume to: Dr. Willis K. King, Chairman, Department of Computer Science, University of Houston, Houston, Texas 77204, University of Houston, Texas 77204. An Equal Opportunity/Affirmative Action Employer.

SEARCH EXTENDED FOR COMPUTER SCIENCE CHAIRPERSON

Chairperson, University of Idaho Computer Science Department, located within the College of Engineering, offers both bachelor's and master's degrees. PhD in Computer Science or related field is desired. Preference given to candidates with experience in teaching, industry and research. Closing date: until position is filled, but not prior to January 30, 1984. Send resume and three letters of reference to: Dr. W. Raymond L. Riggs, Chairman, CS Search Committee, Janssen Engineering Building, University of Idaho, Moscow, ID 83843. AA/EOE
This chair, one of the first of its kind in the southeast, has been established with an initial funding of $1,000,000. The Search Committee is accepting applications and nominations for a person who will help us become a leader in Computer Science. We desire an individual with an established and continuing record of research excellence in one of the core areas of Computer Science. Areas which are of particular interest to us include Architecture (especially VLSI design), Programming Languages (languages, tools and environments), Artificial Intelligence (especially expert systems), Data Bases, and Algorithm Design and Analysis.

Computer Science at the University of Central Florida is a comprehensive program. We offer programs leading to the PhD, MS, and BS degrees. Our departmental research facilities include a VAX 11780, a VAX 11730, a PDP 11/44, a microprocessor laboratory, and a VLSI design laboratory.

We expect the holder of this chair to help us move computer science further development of our research and graduate degree programs. We want an individual who interacts well with others and is willing to guide the research efforts of both faculty and junior faculty members. In return for this we offer an excellent salary opportunity and a great deal of freedom to pursue research goals. We also offer a superb, unspoiled environment in which to live. Orlando itself has a vast number of beautiful lakes, with the ocean being less than 45 minutes away. Salary and term of appointment are open. The starting date is also negotiable, with a most desirable time being mid-August of 1984.

Applications and nominations will be accepted until March 1, 1984. Please send these to:

Endowed Chair in Computer Science
Computer Science Department
University of Central Florida
P.O. Box 25000
Orlando, FL 32816

The University of Central Florida is an Equal Opportunity/Affirmative Action Employer.

THE UNIVERSITY OF MONTANA
DEPARTMENT OF COMPUTER SCIENCE
Missoula, Montana 59812

We invite applications for two tenure-track faculty positions at all levels, starting September 1984. We offer a bachelor’s and master’s degrees. Candidates must have a PhD in Computer Science or in a closely related field, or demonstrably equivalent industrial experience. Strengths are desired in Software Engineering, Programming Languages, Computation Theory, Computer Architecture, Artificial Intelligence, Computers in Education. Candidates must have a potential for achieving national level recognition in research and an interest in expanding our degree programs. Salary: $26,000 to $36,000; more for exceptionally qualified persons.

The department has a VAX-11/750-based Unix system and several PDP-11 and LSI-11 computers which are used for both teaching and research, and a microprocessor laboratory. An Ethernet network connects the VAX and the other computers. A DECsystem-2060 and 2020 are available for campus-wide use. Apply to: Dr. Rahul Dhesi, Faculty Search Coordinator. Application and references must be submitted by March 31, 1984, but will continue to be accepted until the position is filled. Include a resume and the names of three or more professional references. An equal opportunity employer.

DEPARTMENT OF ELECTRICAL ENGINEERING
University of Washington

FACULTY POSITIONS IN ELECTRICAL ENGINEERING

The Department of Electrical Engineering at the University of Washington invites applications for tenure-track faculty positions in computer engineering. Primary interest is in the area of VLSI Design. The University of Washington is a leader in the field of VLSI research and development. The position includes teaching and research responsibilities. Salary is negotiable, and the position will begin July 1, 1984. This position is open to qualified individuals of any race, color, national origin, sex, age, or disability. Applications are encouraged from underrepresented groups.

SUNY College at Brockport

Applications invited for a tenure-track position in the Department of Computer Science. Salary is open and includes a full benefits package. Salary is negotiable, and the position begins July 1, 1984. The position is open to qualified individuals of any race, color, national origin, sex, age, or disability. Applications are encouraged from underrepresented groups.

FACULTY POSITIONS, UNIVERSITY OF SANTA CLARA

Applications are invited for two tenure-track positions in Computer Science. Candidates must have a PhD in Computer Science or in a closely related field, or demonstrably equivalent industrial experience. Strengths are desired in Software Engineering, Programming Languages, Computation Theory, Computer Architecture, Artificial Intelligence, Computers in Education. Candidates must have a Potential for achieving national level recognition in research and an interest in expanding our degree programs. Salary: $28,000 to $36,000; more for exceptionally qualified persons.

The department has a VAX-11/750-based Unix system and several PDP-11 and LSI-11 computers which are used for both teaching and research, and a microprocessor laboratory. An Ethernet network connects the VAX and the other computers. A DECsystem-2060 and 2020 are available for campus-wide use. Apply to: Dr. Rahul Dhesi, Faculty Search Coordinator. Application and references must be submitted by March 31, 1984, but will continue to be accepted until the position is filled. Include a resume and the names of three or more professional references. An equal opportunity employer.

Indiana University of Pennsylvania has two tenure-track openings, up to Associate Professor rank, for faculty members in its Computer Science Department. Duties include teaching, advising, curriculum development and committee assignments. The program emphasizes preparation of its graduates for immediate productive employment. Masters programs are currently under development. IUP is located 50 miles northeast of Pittsburgh and situated in the foothills of the Allegheny Mountains in a community of 20,000 residents. It has a combined undergraduate and graduate enrollment of 12,500 students, of which about 600 are Computer Science majors. Qualifications include a minimum of a Masters in Computer Science or related field, plus ten graduate credits; a PhD in Computer Science or Information Science is preferred. Special consideration for one of the positions will be given to candidates with microcomputer experience. Demonstrated teaching capability and related industrial or professional experience is desirable.

Salary and rank depend on qualifications; a complete fringe benefit program is provided; summer assignments are available. Applications will be evaluated beginning January 30, 1984. Send to Dr. Gerald M. Burik, Chair, Computer Science Department, 332 Stright Hall, IUP, Indiana, PA 15705. IUP is an affirmative action/equal opportunity employer.

Computer Science

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Computer Science
FACULTY POSITION
UNIVERSITY OF SASKATCHEWAN

Applications are invited for two tenure-track faculty positions, one at the Associate Professor level and one at the Assistant Professor level commencing July 1, 1984. Applicants should have a PhD in Computer Science or Computer Engineering for which they should complete the degree before July 1, 1984. 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. Salaries will be in the range of $31,000 to $46,000 depending on qualifications and experience.

The University of Saskatchewan services approximately 14,000 students with a very attractive campus that overlooks the South Saskatchewan River in Saskatoon. A young, vigorous and expanding department of 12 provides BS, B.Com., and MS degree programs in Computer Science. A PhD degree is offered on a special course basis.

The Department has available some excellent research facilities featuring a VAX 11/750 running UNIX in addition to very good undergraduate facilities that are administered by Academic Computing Services. Although in accordance with Canadian Immigration requirements, priority will be given to Canadian citizens and permanent residents, all qualified persons are strongly encouraged to apply.

Please direct inquiries and applications to:

Dr. P.G. Epperson, Head
Department of Computational Science
University of Saskatchewan
Saskatoon, Saskatchewan
S7N OW0
Canada
(306) 343-3783

COMPUTER SCIENCE
FACULTY POSITIONS

Tenure-track positions open at Assistant, Associate, and Full Professor levels in the Department of Computer and Information Science at Cleveland State University. Duties: graduate and undergraduate teaching, research, Qualifications: PhD in Computer Science, MIS, Information System or Computer Engineering or closely related field. Salary very competitive. In addition to University computing facilities interactive minicomputers and terminals, the department provides its own facilities using VAX, PDP-11, and other computers running UNIX and VMS and state-of-the-art software for faculty and students. Close relationships to business, engineering, science and other departments provide conducive environment for research and consulting interests. Send inquiries and vita to: Dr. James Schoeffler, Chair, Computer and Information Science Dept., Cleveland State University, 1963 E. 24th Cleveland, OH 44115.

EQUAl OPPORTUNITY EMPLOYER M/F/H

Ithaca College

The Department of Mathematics and Computer Science has three tenure-track positions beginning in August 1984 in Computer Science. A PhD is preferred, but applicants without a PhD and with substantial relevant background or experience will be considered. Rank and salary depend on qualifications. Send vita immediately to: Dr. Eric L. Robinson, Chair, Department of Mathematics and Computer Science, Ithaca College, Ithaca, NY 14850 or for A.A.T. degrees.

DISTINGUISHED ASSISTANT PROFESSORSHIP
Case Institute of Technology
Case Western Reserve University

Nominations and applications are sought for the A.R. Jennings Distinguished Assistant Professorship in Computer Engineering and Science. Each of these tenure-track positions provides a guaranteed 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 Systems and Design Automation. Distributed Systems Architecture or Programming Methodology. Applicants should submit three letters of recommendation and transcripts 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

UNIVERSITY OF SOUTHWESTERN LOUISIANA

The Electrical and Computer Engineering Department invites applicants for a tenured faculty position in one of the desired areas: Computer Design, System Architecture, Computer Networks, Computer Communications, Fault-Tolerant Design, Computer Design Tools, and VLSI Design. Person should have an earned doctorate and research experience, with an interest in both teaching and research with the ability to attract research grants and contracts for support of faculty and assistants. Send resume and references to Dr. W. A. Klos, USL Box 47890, Lafayette, Louisiana 70504. Deadline for application is March 9, 1984 or until filled. USL is an affirmative action/equal opportunity employer.

ILLINOIS STATE UNIVERSITY
Information Systems/Computer Applications

Tenure-track faculty positions for Aug 84 in an Information Systems/Computer Applications program. Areas: all considered. Special interest in Structured Analysis and Design, On-Line Systems/Data Comm, Software Engineering, Qual: PhD and computer experience or MS and industry experience. Commitment to teaching and applied research. Ability to relate to application areas e.g. Business, Education. Math desired. Closing date: March 15, 1984 or when positions are filled. Contact Chairperson, Applied Computer Science Department, Illinois State University, Normal, IL 61761. An Equal Opportunity/Affirmative Action University.

Clarkson College
Electrical and Computer Engineering

Applications are invited for tenure-track faculty positions as Assistant/Associate/Full Professor. Areas of special interest include Computer Engineering. Especially Applied Artificial Intelligence, Solid State Circuits and Design, Design Automation, and Control Theory as applied to Robotics. Responsibilities include undergraduate and graduate teaching and development of a research program. A PhD is required. Excellent research and teaching facilities include laboratories specializing in Microcomputer Systems, Solid State Devices and Robotics. Computer facilities include VAX 11/780, an IBM 4341 and numerous personal computers. Clarkson is an independent college specializing in Engineering, Science and Management with an undergraduate enrollment of 3600 students and graduate enrollment of over 300 students. BS, MS, and PhD programs are offered. Located in Potsdam, New York. Clarkson is midway between the St. Lawrence River and the scenic Adirondacks. Send resume with three references to Professor Peter W. Barber, Chairman, Department of Electrical and Computer Engineering, Clarkson College, Potsdam, NY 13699. An Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS

Computer Science Department
Kansas State University

The Department of Computer Science at Kansas State University invites applications for tenure-track faculty positions at all ranks. Applicants should have a PhD in Computer Science or expect to receive it by December 1984. Salary will be competitive and commensurate with qualifications. Appointments are 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 PhD degrees. Resources dedicated to research activity include a network of 32-bit UNIX-based minicomputers in the department and access to CSNET. Please send resumes to:

Dr. Virgil Wallentine, Head
Department of Computer Science
Kansas State University
Manhattan, Kansas 66506
Kansas State University is an Affirmative Action Equal Opportunity Employer.

FACULTY OPENINGS AT WASHINGTON STATE UNIVERSITY

Applications are invited for permanent positions at all levels. Visiting appointments may also be available. PhD in Computer Science or related field and research record or potential are required. Review of applications will begin March 1, 1984 and continue until positions are filled. The department offers the BS, MS and PhD degrees. Teaching duties are kept at modest levels by admitting fewer than 35 undergraduates per semester. The usual spectrum of computing facilities are available.

Washington State University is located in Pullman, a quiet college town of about 25,000 people in the southeast corner of the state. Nearby are some of the nation's most pristine and uncrowded places for outdoor recreation. Send resume and names of three references to: Faculty Search Committee, Computer Science Department, Washington State University, Pullman, WA 99164-1210. WSU is an equal opportunity/affirmative action employer.

Comp. Operator-Analyst—Required for batch and online environment. Knowledge of programming, telecom, equip. and proficiency in use of utilities necessary. Applicant must be able to establish, maintain, analyze and rectify comp. problems and proc. and schedule incineration of toxic waste materials according to computer analysis. Knowledge of env. and bio. effects of toxic wastes preferred. High school grad. min. 3 yrs. exp. in related fields. Contact P.C.S. P.O. Box 50758, New Orleans, LA 70118.

COMPUTER
UNIVERSITY OF MAINE
AT ORONO
COMPUTER SCIENCE DEPARTMENT

Three tenure-track positions are available for the Fall Semester 1984 at the Asst. and Assoc. Prof. ranks. Requirements include an earned doctorate in a related field. Salary and benefits are very competitive. Specialists in a variety of areas will be considered with preference for expertise in Networking, Data Base Systems, Graphics, Operating Systems, Human Factors and Theoretical Computer Science. Responsibilities include teaching two courses each semester and independent research. The department has nine members, and is growing rapidly. There are approximately 175 majors. Facilities include an IBM 3033 and a DEC VAX11/780. Individuals with industrial experience are encouraged to apply. Send resume and three letters of reference to: Search Committee, Computer Science Dept., Univ. of Maine, Orono, ME 04469. Consideration of candidates will begin Feb. 16, 1984 and will continue until the positions are filled. The University of Maine is an Equal Opportunity/Affirmative Action Employer.

APPLIED COMPUTER SCIENCE
UNIVERSITY OF WISCONSIN-PARKSIDE

A tenure-track faculty position is available starting August 1984. Rank and salary are open. A PhD in Computer Science or related field is required. Applications are welcomed from all qualified candidates. Research interests in Artificial Intelligence or Networks are especially encouraged to apply. Applied Computer Science is a strong undergraduate program with special emphases on Real-Time Software, Microcomputer Applications, and Software Engineering. The University of Wisconsin-Parkside is one of 13 degree-granting campuses of the University of Wisconsin System. The department emphasizes quality instruction, research and professional involvement. The campus is located on a beautiful, wooded site near Lake Michigan in the heart of Wisconsin. The area offers an abundance of recreational opportunities in a rural setting. Send curriculum vita and names of three references to: Professor T. V. Fossom, Chairman, Engineering Science Division, University of Wisconsin-Parkside, Box 2000, Kenosha, WI 53141.

The University of Wisconsin-Parkside is an equal opportunity employer and actively seeks applications from all qualified persons, whatever their race, sex, age, color, religion, marital status, national origin, handicap, or veteran's status.

ROCHESTER INSTITUTE OF TECHNOLOGY
Faculty Position in Computer Engineering

The Department of Computer Engineering at Rochester Institute of Technology has an excellent tenure-track faculty position available in Computer Engineering. Applicants should have a PhD in Computer Science or related field and a strong commitment to teaching and research. Salary competitive. Send credentials and names of three references to: Fred M. Tonge, Chairman, Department of Computer Science, 855 East River Road, Rochester, NY 14623. RIT is an Equal Opportunity Affirmative Action Employer.

STOCKER VISITING PROFESSORSHIP:
The Electrical and Computer Engineering Department at Ohio University has recently received a $4.5 million endowment for visiting scholars, advanced research and equipment. The Electrical and Computer Engineering Department is seeking applications or nominations for this professorship. Each visiting professorship will be endowed for three years and support one faculty position. Each endowed position would be appointed for a period of time; normally, not to exceed two calendar years. The position will provide a competitive salary, one-half time release from teaching and travel money. Applications or nominations should be sent to: Dr. G. V. S. Raju, Chairman, Electrical and Computer Engineering Department, OHIO UNIVERSITY LABS, Athens, OH 45701.

January 1984
OPPORTUNITY

The University of Washington expects two new openings for tenure-track (possibly tenured positions) in Computer Science in the 1984-85 academic year. We seek persons with a strong teaching load and a commitment to both quality research and teaching. In selecting applicants, we will particularly welcome people with research strengths in databases, computer architecture and VLSI, programming systems, or artificial intelligence.

Applications are invited for faculty positions at the Assistant, Associate, or Full Professor level. Candidates from all areas of computer science will be considered.

The department has about 27 (full-time equivalent) faculty members and additional teaching staff; our current strong research record and is active in sponsored research on a broad front. There is also a commitment to quality instruction in the BS, MS, and PhD levels. The departmental research facilities include a DEC 20/60, a number of PDP 11/23's and a VAX 11/780 in all of the process of being connected by means of an Ethernet. The department is also a recipient of a DOD University Research Instrumentation Award to purchase Lisp machines.

The Ohio State University is an equal opportunity/affirmative action employer located near downtown Columbus, a city with more than one million population in the metropolitan area. Applicants should submit a resume and names of three references to: Professor Eitan Gurari, Department of Computer and Information Science, The Ohio State University, 2066 Neil Avenue Mall, Columbus, Ohio 43210.

Naval Postgraduate School, Monterey, California, Electrical Engineering Department has faculty vacancies. Qualifications include a PhD: dedication to quality teaching at the graduate and undergraduate levels and a strong interest in performing sponsored research, primarily with students in MS programs. Teaching and research areas of interest include Computer Engineering (Distributed Computers, Networks, Architecture, VLSI Design, Logic Design and Testing, Microprocessor-based Design, CAD), Electro-optics, Robotics, Communications, Control Systems, Radar/Electronic Warfare, and Applied Electronics.

You need not have a PhD in the above field. Applicants should be prepared to outline their qualifications and research interests in the areas of Computer Engineering. Professors are expected to maintain a strong research record and to make regular contributions to the teaching program. Applicants should submit a resume, describing research and teaching interests, and a letter from the applicant's most recent employer indicating availability for September 1984. The Naval Postgraduate School is an equal opportunity affirmative action employer.

Computer Science

The Computer Science Department at the University of South Carolina invites applications for faculty positions. Primary interest is at the Assistant Professor level, but the department will entertain qualified applications at higher levels commensurate with exceptional backgrounds. The PhD in Computer Science or a closely related field is required; duties include teaching at both the undergraduate and graduate levels, and pursuit of an active research program. Areas of special interest at USC include: Pattern Recognition, Expert Systems, Database Management, Computer Security, and Functional Programming. USC mainframe systems are IBM 3081 and IBM 370; mainframe systems include a VAX 11/780, PDP 11/44, and various micro facilities dedicated to specific research. Interested applicants should submit a resume and three letters of reference to: Dr. James C. Bezdek, Head, Computer Science Department, University of South Carolina, Columbia, SC 29208. Applications will be accepted until positions are filled. USC is an EO/AA Employer.

DUKE UNIVERSITY

The Duke University Department of Computer Science, a 1983 recipient of an NSF CER Grant, has tenure-track positions available at all ranks. Applications are solicited from all areas of computer science. Preference will be given to applicants whose research focuses on either VLSI, especially algorithmic aspects, or Computer Systems Performance. The Department currently has 11 tenure-track faculty, approximately 300 undergraduate majors, and roughly 50 graduate students pursuing master's and doctoral degrees.

The Department has major research efforts in Artificial Intelligence, Computer Systems Performance, Medical Applications (in collaboration with the Duke Medical Center), and VLSI (in collaboration with the Microelectronics Center of North Carolina, of which Duke is a Participating Institution). Duke University is an affirmative action, equal opportunity employer. Please send detailed resume to: Professor Arnold L. Rosenberg, Department of Computer Science, Duke University, Durham, NC 27706.

NORTH CAROLINA STATE UNIVERSITY

Applications are invited for faculty positions in the Computer Science Department. Tenure-track or senior level positions are available in teaching and research in all areas. Applicants must have a PhD in Computer Science or a related field.

Opportunities for research are plentiful. The university is located in the Research Triangle Park area of North Carolina where several leading corporations and the microelectronics Center of North Carolina have major facilities. The department participates in the Industry/University Center for Communications and Signal Processing. Computing resources are available within the department, the university, and the Triangle Universities Computer Center. Please send resume and names of three references to: Dr. Edward W. Davis, Chairman, Recruitment Committee, Department of Computer Science, North Carolina State University, Raleigh, NC 27609.

THE UNIVERSITY OF INDIANA

Applications are invited for faculty positions in Computer Science. The University of Indiana is an equal opportunity affirmative action employer located in a city with a metropolitan area of over 1.2 million population.

THE UNIVERSITY OF TEXAS AT ARLINGTON

The Department of Computer and Engineering at The University of Texas at Arlington (UTA) invites your application for tenure-track or visiting faculty positions in all areas of Computer Science and Computer Engineering. An earned doctorate or equivalent and commitment to teaching and scholarly research is required. Openings are available for September 1984. Our department offers baccalaureate (ABET accredited), masters, and doctoral programs. We are one of the largest, fastest growing, and most rigorous Computer Science and Engineering departments in the nation. Facilities include VAX-11/780, DEC 2060, IBM 3031, and various personal computers. UTA is in the Dallas/Fort Worth metropolitan area. Interested persons should send a resume to Professor Bill D. Carroll, Chairman, Computer Science and Engineering Department, P.O. Box 19015, The University of Texas at Arlington, Arlington, TX 76019-0015. Phone: 817-273-3785.

The University of Texas at Arlington is an Equal Opportunity Affirmative Action Employer.

FACULTY POSITION IN COMPUTER SCIENCE

UNIVERSITY OF WASHINGTON

The University of Washington expects two new openings for tenure-track (possibly tenured positions) in Computer Science in the 1984-85 academic year. We are seeking a person with research and teaching load and an outstanding record of both quality research and close involvement with students. As a consequence, we expect applicants to have a strong commitment to both research and teaching. Although research quality is our key criterion in selecting applicants, we would particularly welcome people with research strengths in databases, Computer Architecture and VLSI, Programming Systems, or Artificial Intelligence.

Interested applicants should send a letter of application, a resume and the names of four references to: Paul Young, Chairman, Department of Computer Science FR-35, University of Washington, Seattle, Washington 98195.

The University of Washington is an Affirmative Action/Equal Opportunity Employer.

THE OHIO STATE UNIVERSITY

DEPARTMENT OF COMPUTER AND INFORMATION SCIENCE

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Appointments will generally be made at the Assistant Professor level. Applications for visiting appointments at all levels are also solicited. Resumes, vita status and a list of three references should be addressed to: Professor Donald Kim, Department of Electrical Engineering, Code 62KI, Naval Postgraduate School, Monterey, CA 93943. The closing date for all applications is February 1, 1984. An EQUAL OPPORTUNITY AFFIRMATIVE ACTION EMPLOYER.
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, 1984. 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 April 1, 1984 to:

Tse-yun Feng
Dept. Chairperson Search Committee
Dept. of Computer and Information Science
The Ohio State University
2036 Neil Avenue Mall
Columbus, OH 43210
Phone: (614) 422-1408

THE OHIO STATE UNIVERSITY IS AN EQUAL OPPORTUNITY AND AFFIRMATIVE ACTION EMPLOYER.