FACULTY POSITIONS UNIVERSITY OF SASKATCHEWAN

Applications are invited for two tenure-track faculty positions at the Assistant Professor level, commencing either January 1, 1985 or July 1, 1985. Applicants should have a Ph.D. in Computer Science or Computer Engineering (or should be nearing completion of the degree). Candidates from all areas of Computer Science or Computer Engineering are encouraged to apply. Responsibilities will include teaching at the undergraduate and graduate levels and research. Salaries will be in the range of $34,000 to $42,000 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 thirteen provides BSc, BComm and MSc degree programs in Computer Science and a joint Computer Engineering program. A Ph.D. degree in software engineering is offered on a special basis and a formal program is currently under review.

The Department has available some excellent research facilities containing a VAX 11/750 running UNIX in addition to very good undergraduate facilities that are administered by the 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 enquiries and applications to:
Dr. P. G. Sorensen, Head
Department of Computer Science
University of Saskatchewan
Saskatoon, Saskatchewan
Canada
(306) 343-3783

RATES: $8 per line, $80 minimum charge (up to ten lines). Average six typeset words per line, nine lines per column inch. Add $8 for box number. Send copy at least six weeks prior to month of desired appearance. Classified Advertising, COMPUTER Magazine, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720.

THE UNIVERSITY OF ALBERTA DEPARTMENT OF COMPUTING SCIENCE

Applications are invited for three tenure track positions at the assistant/associate professor level. The department is currently involved in an expansion program to meet increased student enrollments. Candidates must have a Ph.D. in computing science or related field, or demonstrated equivalent achievement in education and research. Responsibilities include teaching at the graduate and undergraduate levels, and research. Candidates from all areas will be considered, although preference will be given to those with expertise in the area of VLSI, software systems, networks, programming languages, software engineering, artificial intelligence and computer architecture. At least one appointment will be made in the area of VLSI. Applicants will be invited to present 1-2 hour seminars on their research. Salary and rank commensurate with qualifications and experience. Send curriculum vitae and names of three references to: Dr. Lee J. White, Chairman, Department of Computing Science, University of Alberta, Edmonton, Alberta, T6G 2H1. Applications will be accepted until December 31, 1984.

The University is an Equal Opportunity Employer but in accordance with Canadian Immigration Requirements priority will be given to Canadian citizens and permanent residents of Canada.

FACULTY POSITION UNIVERSITY OF SANTA CLARA

Applications are invited for a tenure track position in Computer Science, available in September 1985. Applicants should have qualifications in one or more of Computer Science Languages, Artificial Intelligence, Operating Systems, Microprocessors, Computer Graphics or Computer Architecture. Rank and salary are open. All Applicants should have a Ph.D. in Computer Science. A strong commitment to teaching, curriculum development and research is required. Applicants must have a Ph.D. and must prepare for teaching at the University of Santa Clara is located in the middle of the Silicon Valley and summer support by local industry can be arranged. Send resume and names of at least three references to Professor Dan Lewis, Department of Electrical Engineering and Computer Science, University of Santa Clara, Santa Clara, CA 95053. An Equal Opportunity/Affirmative Action Employer.
North Carolina State University

North Carolina State University invites nominations and applications for the position of Head of the Department of Computer Science. The Department's full-time faculty of 27 teach both graduate and undergraduate courses and conduct research in a wide variety of topics. Currently there are approximately 900 departmental majors and 100 graduate students. North Carolina State University with a student body of 22,000 is a large and rapidly expanding graduate research institution. With the University of North Carolina at Chapel Hill and Duke University it defines the internationally prominent, industrialized, capital city region known as the Research Triangle of which the Department of Computer Science plays an integral part.

Applicants must hold the earned doctorate in Computer Science or a related discipline and have a solid record of distinctive scholarly productivity and some administrative experience.

The Department invites applications from candidates with at least a subfield focus on the following areas: Computer Science theory, artificial intelligence, computer architecture, software engineering, computer graphics, and computer networks. The Department also has strong programs in databases and knowledge representation. The Search Committee will review applications beginning in late October, 1985.

Applications should be sent to: Barry W. Gaines, Chair; Department of Computer Science; Box 8206; North Carolina State University; Raleigh, N. C. 27695-8206. NCSU is an affirmative action equal opportunity employer.

UNIVERSITY OF DELAWARE

Are you interested in joining the computer science faculty of a growing, dynamic department in an attractive university town within easy traveling distance to New York, Philadelphia, Baltimore, and Washington? 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 artificial intelligence, languages and architectures for parallel processing, symbolic computation, graphics, data base systems, theoretical computer science, and software engineering.

A Ph.D. 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 for the 1985-86 school year will be accepted until the positions are filled.

The Computer and Information Sciences Department offers bachelor, master, and doctoral degrees. Resources in the Computer Center include: an IBM 3081D, a CDC Cyber 174; two VAX 11/780's and two VAX 11/750's, the latter four running UNIX and connected by an Ethernet. In addition the Department shares a growing joint research laboratory with the Electrical Engineering Department. This laboratory includes two VAX 11/780's, VAX 11/750's (all running UNIX), a file server, a terminal server and an I/O server, all connected to an Ethernet. Additionally, there are a number of smaller PDP-11's, four Hewlett Packard 9836 UNIX workstations, an HP 3000, and color graphics equipment. Delaware is on CRES, TELNET, and UNIX. Candidates should send a curriculum vitae and the names of three references to Professor B. F. Caviness, 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.

November 1984
West Virginia University is seeking nominations and applications for the position of Assistant Vice President for Computing and Information Resources.

**Responsibilities:** The Assistant Vice President will serve as the senior policy-level officer responsible for planning and delivering of information, computing, and digital communications systems and services. These support the diverse administrative, instructional, and research activities of the University. This individual will report directly to the President.

**Qualifications:** The successful candidate will be an innovative executive with significant computing and information systems achievements, demonstrated competence in management, planning, and budgeting; understanding of administrative, academic, and research computing; familiarity with student information systems; knowledge of computing hardware and software; familiarity with current products and vendors; and demonstrated ability to communicate and work effectively with people as diverse as administrators, faculty, students, and external boards, organizations, and individuals. This person will hold appropriate advanced degrees, or will have had equivalent experience.

**Salary:** The salary will be competitive and commensurate with the qualifications of the individual.

**West Virginia University** was founded in 1867 and is one of 16 land grant institutions also serving as a comprehensive state university (including colleges of business, engineering, law, medicine and other health sciences). As the doctoral degree granting institution in the State, it enrolls 12,000 students in 175 degree programs and operates on an annual budget of more than 250 million dollars. The University is located in Morgantown, West Virginia, a community of approximately 45,000 residents with ready access to larger metropolitan areas such as Pittsburgh and Washington, D.C.

**Applications:** Nominations, applications and supporting documents will be accepted until November 30, 1984. The position will be filled as soon as possible after that date. West Virginia University is committed to diversity and welcomes nominations and applications from women and minorities. Candidates should submit a letter of application, current vita, and three names, addresses, and telephone numbers of three references. Applications and other documents will be reviewed by the Search Committee and other select personnel. Applications and nominations should be sent to:

Professor Roy S. Nutter, Jr.  Chair  Search Committee for Assistant Vice President for Computing and Information Resources  West Virginia University  P.O. Box 6011, 104 Stewart Hall  Morgantown, West Virginia 26506-6001

West Virginia University is an Equal Opportunity/Affirmative Action Employer.

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The Department of Electrical and Computer Engineering at West Virginia University is seeking qualified individuals for tenure or tenure-track faculty positions. Opportunities exist in many areas with openings immediately available in computer science, solid-state, and electro-optics. The department offers BS, MS, and PhD degrees in both electrical engineering and computer engineering. The department is an active participant in microelectronics research, with programs in conjunction with the Microelectronics Center of North Carolina (MCNC). Additional departmental research programs include the University Industry Center for Communications and Signal Processing (joint with Computer Science), which is engaged in research in areas of speech processing, image processing, computer/communication architecture, and VLSI, and a Solid State Laboratory conducting research in silicon and compound semiconductor materials and devices. The department also is in the process of establishing a Center for Electric Power Systems Research (joint with Nuclear Engineering) and is collaborating with the Computer Sciences Department to establish a Computer Systems Laboratory. One of the vacant positions is for a distinguished professor in computer engineering who will be expected to take a leadership role in the Computer Systems Laboratory. Departmental facilities to support research and academic programs include a VAX 11/780, three VAX 11/750s, and Harris 800 computer systems, an HP 6400 logic development system, high-resolution color displays, numerous microcomputers and microcomputer development systems, CAD, SIS design system, MBE, OM-CVD, 4000K ion implanter, and a picosecond optical spectroscopy facility. A joint NCUS/NCMC semiconductor research and IC fabrication facility is located within the ECE building and is available to support departmental research and academic programs. Other equipment and facilities available for support of the department’s programs include an IBM 370 and an IBM 3081 at the Triangle Universities Computing Center, and a VAX 11/780, 8000 and IBM 4341 on the NCUS campus. Applicants must have an outstanding academic record, a strong commitment to teaching and research, and a PhD degree in an appropriate field. Visiting and non-tenure-track positions are also available. Resumes with names of three references should be directed to N. A. Masnari, Head, Electrical and Computer Engineering Department, West Virginia State University, Institute, WV 25112. The West Virginia State University is an Equal Opportunity/Affirmative Action Employer.

**Winona State University**

The Department of Mathematics and Computer Science invites applications for a full-time, tenure-track position in Computer Science or mathematics in one of the mathematical sciences with demonstrated teaching competence in computer science required. Primary duty: to teach all full range of undergraduate computer science courses in an ACM guidelines based curriculum. Research and instructional materials include an on campus VAX system and remote access to a Univac 1100, a Cyber 845, and a Cray I. An additional VAX will be purchased during Fall 1985 and an on campus fiber optic backbone network will be installed. Rank: open. Salary range: 25-35K. Winona State University is located in SouthEastern Minnesota in the Mississippi River Valley. Send vita and three letters of recommendation to Gary Janikowski, Personnel Office, Winona State University, Winona, MN 55987. Open until filled. An Equal Opportunity Employer.
The Department of Electrical and Computer Engineering at The University of Massachusetts Amherst solicits applications for the Analog Devices Professorship in Computer Architecture, VLSI, and related areas. In addition to a generous University salary and other entitlements, this Professorship offers $60,000 per year for 5 years in unrestricted grant money. The grant is completely renewable. Close cooperation with the new Massachusetts microelectronics center is expected to provide significant support and benefits. On campus, there is an active and close cooperation with the Computer Science department, significantly enhancing the research environment which includes over 30 research computer facilities, and heavily funded research computing facilities. Candidates should be Associate or Full Professors with outstanding research records. This position's salary is commensurate with qualifications and experience. Applications will be accepted until April 1, 1985. Send resume and names of at least 4 references to: Professor John A. Stankovic, Department of Computer Science, University of Massachusetts, Amherst, MA 01003.

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

FACULTY POSITIONS

GEORGE WASHINGTON UNIVERSITY

The Department of Electrical Engineering & Computer Science has openings for tenure-track faculty positions. Particularly we seek persons active in the areas of Computer Science and Communications. Candidates should have an earned doctorate and research experience, with an interest in both teaching and in ongoing research. The ability to attract research grants and contracts for support of faculty and assistants is valued. Send Curriculum Vitae, list of publications and references to:

Professor Roger H. Lang
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.

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTING AND INFORMATION SCIENCES

TRINITY UNIVERSITY

SAN ANTONIO, TEXAS

The Department of Computing and Information Sciences of Trinity University invites applications for a tenure-track position at the rank of Assistant Professor. A Ph.D. in Computing Science or related discipline is required. The starting date is August, 1985. Salary is competitive and negotiable, and is commensurate with background and experience.

The Assistant Professor will teach 9 hours per semester at both the undergraduate and graduate levels, advise senior students, and serve on appropriate committees.

Trinity University is an independent institution with a substantial endowment. Trinity is committed to excellence in the liberal arts and sciences and in selected professional programs including Computing Science. The Department of Computing and Information Sciences has nearly 125 majors and 70 graduate students, who select either the M.S. in Computing Science or the M.S. in Information Science. Significant capital expenditures for purchasing hardware and software indicate the university's commitment to computing for the future. We especially encourage applications from female and minority candidates.

Applications should be received by February 15, 1985 and should be mailed to:

Dr. Maurice L. Egggen, Chair
Department of Computing and Information Sciences
Trinity University
715 Stadium Drive
San Antonio, Texas 78284
(512) 736-7480

Trinity University is an Equal Opportunity/Affirmative Action Employer.

COMPUTER SCIENCE

UNIVERSITY OF MARYLAND BALTIMORE COUNTY

The UMBC Mathematics and Computer Science Department anticipates having several tenure-track and tenured faculty positions at the assistant, associate, or full professor level beginning September 1985. Candidates should have Ph.D. in computer science or in a closely related field, demonstrable research potential, and strong ability to teach a broad range of basic computer science courses and undergraduate courses in one's field of specialty. The department offers M.S. and Ph.D. programs in Applied Mathematics, Computer Science, and Statistics and undergraduate major programs in mathematics and computer science leading to the baccalaureate degree. Applications should be received by January 15, 1985. Send a curriculum vitae, preprints and/or preprints, names of at least three references to: Nam P. Bhatia, Chairman, Computer Science.

Applications for both tenure-track and visiting faculty positions at Texas Tech University invites applications for both tenure-track and visiting faculty positions at all levels, both in Electrical Engineering and Computer Science. Outstanding candidates in all areas of computer engineering and computer science will be considered. Areas of established research programs include integrated power circuit analysis, digital signal/image processing, systems theory, radio science, database systems, CAD/CAM/CAE, and artificial intelligence. Rank and salary will be commensurate with qualifications and experience. Applicants must hold a doctoral degree and have a commitment to an integrated educational program involving both undergraduate and graduate teaching and the development of an active research program. Texas Tech has an enrollment of 24,000 students, and is one of the four major comprehensive state universities in Texas. The University is located in Lubbock, a city of 200,000 known for its pleasant weather and hospitality. Applicants should send their resumes and the names, addresses, and phone numbers of three professional references to:

Chairman
Department of Electrical Engineering/Computer Science
Texas Tech University
Lubbock, Texas 79409-4439

Texas Tech is an Affirmative Action/Equal Opportunity Employer.

THE UNIVERSITY OF ILLINOIS

AT CHAMPAIGN-URBANA

The new Center for Supercomputing Research and Development (CSRD) of the University of Illinois and Urbana-Champaign invites application and visits from faculty members to participate in the development of high-speed multiprocessor systems. With support from the U.S. government and the State of Illinois, CSRD is engaged in an effort to construct a multiprocessor that will deliver high performance over a wide range of computations. This effort is based on over ten years of research in computer architecture, compiler, and algorithm development performed by a nucleus of an experienced research staff. In addition, this project will enjoy the cooperation of some of this country's leading industrial groups. The project begins October 1, 1984.

We need visiting faculty at all levels, assistant, and associate and full professors with Ph.D. degrees in Computer Science, Electrical Engineering, or any computer related field, as well as state of the art skills in:

- Gate array design
- System integration
- Compilation for parallel and array computers
- Operating system implementation
- Parallel algorithms in numerical and non-numerical applications

Rank is open: the possibility exists for joint appointments with academic departments and tenure track positions for qualified individuals.

Send a complete resume and salary requirements to:

D. J. Kuck, Director
Center of Supercomputing Research and Development
University of Illinois
1304 West Springfield Ave.
Urbana, Illinois 61801
Telephone (217) 333-6150

To expedite the filling of all positions, qualified applicants will be interviewed during the advertising period. All applications submitted by Dec. 3, 1984 will receive full consideration. Positions will begin as soon as possible.

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

UNIVERSITY OF NEVADA, LAS VEGAS

COMPUTER SCIENCE AND ELECTRICAL ENGINEERING

The University anticipates a major expansion of the Department. Consequently, there are a variety of positions available. Some are tenure-track and others are for lecturers and visitors. Tenure-track positions require a doctorate in Computer Science, Electrical Engineering or a closely related field. Other positions require a Masters degree and substantial experience in Computer Science or Computer Engineering. Non-tenure track positions and the possibility of multi-year contracts. Most computer science and computer engineering areas are sought, but we are particularly interested in adding staff with expertise in applied areas. Duties are to teach undergraduate courses, and depending on the position, participate in the M.S. program and research. Send letter of application, resume, transcripts and names and addresses of four references to: Professor John Welker, Chairman, Department of Computer Science and Electrical Engineering, University of Nevada, Las Vegas, Las Vegas, NV 89154. Review of applications will begin December 15, 1984 and continue until all positions are filled.

The University of Nevada, Las Vegas is an Equal Opportunity/Affirmative Action Employer.
WANG INSTITUTE OF GRADUATE STUDIES
School of Information Technology
Software Engineering Faculty

Wang Institute provides a unique educational environment that combines the best features of academic and industry. Faculty members teach one graduate course per semester, interact closely with small numbers of graduate students who have industrial experience, supervise production quality software projects, and pursue their individual research interests. Positions are available for full-time faculty members and non-tenure track visitors who have experience in using and teaching the technical and managerial principles of software engineering. Faculty members receive industrial-level salaries and are provided with sufficient equipment and support staff to achieve their professional goals. Each faculty member is expected to maintain a reasonable balance between research in software engineering and exposition of that material in the classroom. Teaching ability and an interest in graduate-level education are essential.

The campus of the School of Information Technology is located near the Boston hi-tech and university areas which provide rich environments of academic, cultural, and professional activities. Instructional computing facilities at Wang Institute include a VAX 11/750 (VM/S), a VAX 11/780 (UNIX), a Prime 750, a Wang VS1000, Apollo D0-MAINs, and IBM, Apple, Wang, and Hewlett-Packard personal professional computers. A growing collection of software tools for software engineering is maintained by the staff of the Wang Institute Software Environment project.

Applicants should submit the names of three references and a resume that indicates professional specialty areas, teaching experience, and experience in the practice of software development and/or software management to: Richard E. Farley, Faculty Chair, Wang Institute of Graduate Studies, 780 Treadway Road, Tyngsboro, Massachusetts 01879.

Chairperson
Department of Electrical Engineering
University of Kentucky

Applications and nominations for Chairperson of Electrical Engineering at the University of Kentucky are invited. The Department of Electrical Engineering has 18 faculty members, 523 undergraduate students, and 91 graduate students. The Department offers degree programs at the BS, MS, and PhD levels.

The Department currently has broad, strong programs in electrophysics and signal systems. Additional strengths are being developed in the areas of computer engineering. To accomplish this, five to six new faculty lines have been assigned to the Department. The recent endowed Robinson Chair in Engineering, additional technician and secretarial support personnel have also been assigned to the Department. The current revitalization of the University computing systems and the Department of Computer Science are paralleling the development of the Department of Electrical Engineering.

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

Radford University invites applications for several tenured-track faculty positions commencing September 1, 1985. Applications from professionals in all areas of computer science are welcome. Preference will be given to candidates with a Ph.D. in computer science or a Ph.D. in a related area with extensive experience in computer science. Consideration will be given to candidates with a master's degree in computer science.

The successful candidates will have a strong interest in teaching and in maintaining a strong undergraduate computer science major. Currently, the interests of the faculty include operating systems, database, programming languages, computer graphics and computability theory.

Radford University offers the BA/BS degree in computer science. The university maintains a modern computer center to support academic computing only. This center includes a Data General Eclipse MV/10000 with 136 ports. This system runs both AOS/SVS and UNIX. Software includes compilers for standard languages (most instruction is in Pascal), a commercial database system (INFOS II), comprehensive Electronic Office (CEO), and AOS/SVS Graphical Environment. A Kernel System (KVOS) is available for instructional use. The university also has a variety of microcomputers and graphics terminals available.

Radford University is a state supported, educational, comprehensive institution with graduate programs in selected areas. The campus is located in the City of Radford, 45 miles southwest of Roanoke, Va. Situated in the scenic Appalachian Highlands of southwestern Virginia, Radford is convenient to Claytor Lake, the Blue Ridge Parkway, the New River, the Appalachian Trail, and a variety of outdoor recreational activities. The lifestyle and diversified cultural activities make Radford an attractive place to live and work. If you are interested, please send an application, resume, three recent letters of reference and copies of undergraduate and graduate transcripts to:

Dr. David L. Albig, Chairman
Department of Mathematics, Statistics and Computer Science
Radford University
Radford, VA 24142

Preference will be given to individuals who complete their file by January 1, 1985, but applications will be accepted until all positions are filled.

EQUAL OPPORTUNITY, AFFIRMATIVE ACTION EMPLOYER

Chair and Visiting Positions
University of Wisconsin-Madison

The Department of Electrical and Computer Engineering invites applications for tenured and tenure-track positions. A Ph.D. degree is required and successful candidates are expected to participate in both teaching and research activities. Applicants in all areas are invited to apply, but the following areas are of special interest: electronic circuits, microelectronics and IC fabrication, robotics, applications of expert systems, and computer engineering with preferred interests in computer architecture, computer networks and VLSI design. Rank and salary will be commensurate with qualifications and experience. Send resume and names of three references to: F. G. Stremler, Chairman, Department of Electrical and Computer Engineering, University of Wisconsin-Madison, 1415 Johnson Drive, Madison, WI 53706, 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 research and should show a record of outstanding research accomplishment, or expect to receive a Ph.D. degree by Fall 1985 and show high potential for research. The School seeks applicants to strengthen its capabilities in all areas of current research activity, which include artificial intelligence, computer graphics, software engineering, programming languages, distributed computer systems, computer science, human factors, VLSI systems, data communications and computer networks, database systems, and computer architecture. Very competitive salaries are offered.

The School is experiencing substantial growth which is well-supported by the Institute. Currently there are 26 faculty and over 200 Masters and Ph.D. students. The School has well-equipped computing facilities which separately support computer science research and education. All major computers on campus are interconnected by a high-speed local area network, which provides access to CSNet and other national networks. Georgia Tech is located in Atlanta, which experiences a mild sunbelt climate. It is the center of commerce in the Southeast, offering a diverse economy and good employment opportunities in all professional areas. Atlanta offers good cultural and recreational opportunities, extremely attractive residential neighborhoods, and affordable housing.

CANDIDATES should send complete resumes and names of at least three references to: Professor Richard J. LeBlanc; Chairman, Faculty Search Committee; School of Information and Computer Science; Georgia Institute of Technology; Atlanta, Georgia 30332.

Georgia Tech is an equal opportunity employer.

FACULTY POSITIONS, COMPUTER ENGINEERING

Applications are invited for tenured-track faculty positions in Computer Engineering. Rank and salary commensurate with qualifications. Applicants must hold a Ph.D. in Electrical Engineering or Computer Science with a specialization in LSI/VLSI design, digital design, microcomputer systems, microprogramming, computer architecture, operating systems, computer-aided design, computer vision, robotics, or real-time computing. The Department has well-equipped laboratories for computer architecture, VLSI design, robotics and microcomputer systems. Research in Computer Engineering is supported within the Department by a Data General MV 10000, VAX 11/780, Eclipse S/250, Eclipse S/200, LSI-11, and a micro-computer laboratory and on campus by a NASA AS7000 mainframe and PRIME 750 minicomputers. Send letter of application, resume and four references to: Chairman, Search Committee, Electrical Engineering Department, THE UNIVERSITY OF RHODE ISLAND, Kingston, Rhode Island 02881-0805. An AA/EOE m/f

UNIVERSITY OF MIAMI—Department of Electrical and Computer Engineering has open faculty positions in Computer Engineering. Areas of interest are: Computer graphics, VLSI design, Distributed Processing, Operating Systems, and Software Engineering. Qualifications: Ph.D. with established research capability, potential or potential. Rank and salary commensurate with qualifications and academic or industrial experience. The Department has a VAX 11/780, PDP 11/24, and access to UNIVAC 1100 and IBM 4341. Please forward resume to: Chairman, Electrical and Computer Engineering Department, UNIVERSITY OF MIAMI, Box 248204, Coral Gables, FL 33124. An Affirmative Action Equal Opportunity Employer.
The University of Illinois at Urbana-Champaign invites applications and nominations for the position of Head of the Department of Computer Science in its newly formed Department of Computer Engineering. The Department of Computer Science conducts an outstanding educational and research program, embracing major technical specializations of the profession. The Department currently has approximately 33 full-time faculty members, 350 graduate students and 1400 undergraduate majors in several curricula, teaches courses in computer science for other students, and offers degrees at bachelor's, masters, and doctoral levels. The Head of the Department is the chief administrative officer with responsibilities for administrative, budgetary, and promotional decisions, and for leading the faculty in the development of research, teaching, and public service.

The Search Committee seeks a distinguished computer scientist with experience in a university environment, strong research credentials, and proven leadership capabilities. The Head also holds the rank Professor of Computer Science with tenure. Salary is negotiable with appointment to commence on or before August 21, 1985. The closing date for receipt of applications is December 1, 1984. All applications received by this time are assured consideration, but the search will continue until the position is filled. Applicants should send a curriculum vitae and the names, addresses, and phone numbers of five references.

Professor R. O. Simmons, Chairman Search Committee for the Head of Department of Computer Science 106 Engineering Hall University of Illinois 1308 W. Green Street Urbana, Illinois 61801 Phone: 217/333-3760

The University of Illinois at Urbana-Champaign is an Affirmative Action/Equal Opportunity Employer.

GRADUATE RESEARCH ASSISTANTSHIPS (GRAs) COMPUTER ENGINEERING AND CONTROL LAB (CECL) UNIVERSITY OF VIRGINIA

The CECL, the Department of Electrical Engineering conducts research in VLSI systems, robotics, computer vision, pattern analysis, and modern control. GRAs are presently available at both the MS and PhD levels to participate in sponsored research on testability and fault tolerance of VLSI systems and computer vision. GRAs offer both summer and academic year support at competitive salaries. For information contact: B. W. Johnson, Assistant Professor, E. E. Dept., Univ. of Virginia, Charlottesville, Va. 22901. The University is an Equal Opportunity/Affirmative Action employer.

UAB Faculty Position

Tenure-track or visiting faculty position available in the Department of Computer and Information Sciences. The Department administers degree programs at the bachelors, masters and PhD level. Interested persons should contact: Dr. C. C. Yang, Chairman Faculty Search Committee, Department of Computer and Information Sciences, University of Alabama in Birmingham, University Station, Campbell Hall Room 115A, Birmingham, Alabama 35294.

UAB is an Affirmative Action/Equal Opportunity Employer

November 1984

The University of Central Florida College of Engineering invites applicants for three tenure track faculty positions at the Assistant Professor level in its newly formed Department of Computer Engineering. A Ph.D. in Computer Engineering or a related discipline is required. All interest areas will be considered, although department preference areas include Digital Systems/Computer Architecture, Software Engineering/Software Systems, and Data Structures/Data Base Systems. UCF is one of Florida’s State Universities, with a current enrollment in excess of 16,000 students. The College of Engineering has approximately 3,000 students at present. Located in mid-Florida’s rapidly growing industrial complex, the University is developing a Research Park adjacent to its main campus to support high-technology government and industrial organizations in the area. Computer facilities for research and instruction include an IBM 4341 (4381 upgrade planned for Fall ’84), a VAX with 6 MB main memory linked with DEC personal computers in all faculty offices, a Goud 32/6750, numerous minicomputers, two ADAGE CAD workstations, a PUMA robot with vision system, and a RAMTEK 9465 color-graphics system.

Send curriculum vitae and names of three references to:

Dr. C. S. Bauer
Acting Chairman
Department of Computer Engineering
University of Central Florida
Orlando, Florida 32816

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

FACULTY POSITIONS IN COMPUTER SCIENCE

The University is currently involved in an expansion of its Computer Science Program, both staff and facilities. Applications for several tenure-track positions are invited from candidates with a Ph.D. Degree having a strong background in core areas of Computer Science. Rank and salary commensurate with qualifications.

Computer Science degree programs include a B.S. with restricted enrolments, M.S., and Ph.D. Current faculty research interests are in algorithm analysis, computer architecture, database systems, distributed processing, operating systems, programming languages, and software engineering.

A computer science laboratory building exclusively for the Department’s research and upper level educational activities has been recently opened. Dedicated equipment includes a VAX/11750, a PDP-11/44 and multiple Apollo high resolution graphics workstations. The Department also has access to the University’s extensive computing facilities. Construction of new office space for the Department will begin shortly.

The University is of medium size and is located in a pleasant rural setting in the southern part of the State, a short drive from ocean beaches and Newport. Send vita, supporting materials, and have 3 reference letters sent to:

Dr. Leonard Bass, Search Committee Chairman, Department of Computer and Information Sciences, The University of Rhode Island, Kingston, Rhode Island 02881-8161. An AA/EEO/AA/EOE.

To order, use form on p. 134.

The Armed Forces Radiobiology Research Institute, a command of the Defense Nuclear Agency, is seeking an individual to serve as Chairman of the Computer and Electronics Department. This Civil Service position directs the design and development of electronic instrumentation and computer devices which advance radiobiology research. Mandatory qualifications include knowledge of high-level programming languages, hardware interfacing, instrumentation-system design, principles of software engineering, and management experience. A desirable qualification is an advanced degree in a physical, biological or computer science. Salary ranges from 43,56K. Direct inquiries to Mr. Ackermann at 202-295-1428. Submit application including SF-171 and resume by November 30, 1984 to: AFFRRI/CPO, Bethesda, Md 20814-5145, An Equal Opportunity Employer.

SOUTHWESTERN OKLAHOMA STATE UNIVERSITY

COMPUTER SCIENCE: Three positions beginning January, 1985. CHAIRPERSON: Requires doctorate in Computer Science (or related field plus experience). Salary $36k for 9 months. INSTRUCTOR/ASSISTANT PROFESSOR, 2 positions; both require a minimum of master’s degree in Computer Science (or related field plus experience). Teaching responsibilities include upper level undergraduate courses in operating systems, software design, data structures, and others. State-supported institution with enrollments of 5,000 and 200 majors in computer science. Facilities include DEC PDP 11-70 system with micro computer lab. All positions open until filled. Send letter of application, designating position sought, with vita and references, to: Personnel Office, Southwestern Oklahoma State University, Weatherford, Oklahoma 73096. EEO/AA employer.

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