University of Victoria
Computer Science
Applications are invited for one or more tenur- able and non-tenurable faculty positions in Computer Science, to begin May 1 or July 1, 1979. Applicants should have research and teaching interests in areas such as computer architecture, data structures, computer programming, artificial intelligence, computer vision, robotics, operating systems, and software engineering. The department is seeking to hire a minimum of three faculty members in order to meet the growing demand for these areas of interest. Area of specialization is open to candidates. Individuals interested in applying should send curriculum vitae to: Dr. B. L. Ehle, Computer Science Search Coordinator, Department of Mathematics, University of Victoria, Victoria, British Columbia, Canada V8W 2Y2. The closing date for applications is February 15, 1979.

The Department of Electrical Engineering at Drexel University has several tenure track openings. Areas of specialty and rank are unspecified. Drexel is a teaching institution with a strong research emphasis in Electrical Engineering. The department offers degrees in Electrical Engineering. Current research interests include Biomedical Engineering, Energy and Power Systems, Electromagnetics, and Physical Electronics. Teaching experience is required. Interested candidates should send curriculum vitae and names of three references to: Chairman, E.E. Dept., Drexel University, 32nd and Chestnut Sts., Philadelphia, Pa. 19104. Drexel University is an equal opportunity/affirmative action employer.

California State University, Northridge
Department of Computer Science
Due to vigorous growth in student enrollment, faculty positions continue to be available in Computer Science. Positions are available for Spring '79 semester (beginning in late January) as well as for the '79-80 academic year. Areas include: Data Base Systems, Graphics, Artificial Intelligence, Operating Systems, Systems Architecture. Qualifications: Ph.D., industrial experience desirable. Send resumes to Philip Gilbert, Chairman, Department of Computer Science, California State University, Northridge, California 91330. To ensure consideration for positions beginning in Fall 1979, applications should be sent on or before February 28, 1979. Equal opportunity and affirmative action employer.

Faculty Positions
Computer Science Department
Kansas State University
The Computer Science Department of Kansas State University invites applications for one or more faculty positions at the junior or senior rank starting August 1979. A Ph.D. in Computer Science or an equivalent degree is required. Preferred areas of specialization for the applicants include operating systems, programming languages, data base systems, computer architecture, digital logic design, and artificial intelligence. The Department offers the B.S., M.S., and Ph.D. degrees in Computer Science. The Department supports exceptionally well equipped mini and microcomputer laboratories and has access to the University's Telnet computer. By March 15, 1979, please send resumes to: Dr. Virgil Wallentine, Department of Computer Science, Kansas State University, Manhattan, Kansas 66506, Phone: (913) 532-6350.

Kansas State University is an affirmative action/equal opportunity employer and encourages applications from members of minority groups and women.

University of South Carolina: Faculty openings in electrical and computer engineering. Desired specialty is computer engineering (hardware/software). A doctorate in electrical or computer engineering is required. Please send your resume to: Dean J.D. Waugh, College of Engineering, University of South Carolina, Columbia, SC 29208. An equal opportunity employer.

University of Southern California: Faculty openings in electrical and computer engineering. Desired specialty is computer engineering (hardware/software). A doctorate in electrical or computer engineering is required. Please send your resume to: Dean J.D. Waugh, College of Engineering, University of Southern California, Columbia, SC 29208. An equal opportunity employer.

Department of Computer Science: The Department of Computer Science is proud to announce its emergence from the former Computer Science Section of the Department of Mathematics. With this emergence, redirection of the activities of the college allows us to announce the opening of several faculty positions at the assistant, associate, and full professor levels. Applicants will be considered from all areas of specialization, and we have special needs in the areas of operating systems, data base management, programming languages and language translation, and computer architecture and data communications.

The Computer Science Department offers degrees at both the bachelor's and master's level, with more than 150 graduate students actively pursuing degrees. There are approximately five thousand enrollments each year in computer science courses, generating about eighteen thousand student credits each year. To date more than sixty master's degrees and 125 bachelor's degrees have been granted. A Ph.D. program has been proposed by the undergraduate faculty and is currently being considered by the University Graduate Council.

The university wide computational facilities include an AMDahl 470V computer an IBM 360/67 duplex operating under the operating systems VM/470, Michigan Terminal System (MTS), and OS/MVS. Over 100 full-time service terminals are simultaneously supported. The number of terminals which can be supported simultaneously is increasing rapidly. This system is a node on both the MERIT and TELNET computer networks. Additionally, the Computer Science Department has: (1) a mini-computer laboratory (Microdata 3920, with writable control store and full complement of peripherals); (2) a micro-computer laboratory, (3) a digital integrated circuits laboratory, and (4) a digital image processing laboratory.

Faculty duties include teaching undergraduate/graduate courses, supervising graduate research, and conducting research. The salary is competitive and dependent upon qualifications.

Applications, nominations, and inquiries should be sent to: Dr. Ronald J. Srodaw, Acting Chairman, Department of Computer Science, 578 Mackenzie Hall, Wayne State University, Detroit, Michigan 48202.

Wayne State University is an Equal Opportunity/Affirmative Action employer.

University of Ottawa, Department of Computer Science: Applications are invited for a full-time appointment at the senior associate or, possibly, full professor level to begin in the spring of 1979. Applications should have a Ph.D. in computer science (or in a closely related area) and a demonstrated teaching and research background in this discipline. Applicants may also indicate an interest in being considered for the chairmanship of the Department. Preferred areas of specialization are, theory of computation, mini and microcomputer systems and applications, and system simulation and optimization. In view of the University's bilingual (French and English) character, the successful candidate should either be bilingual, or be prepared to acquire some competence in both languages. A curriculum vitae including the names of three references should be sent to: L.G. Birta, Chairman, Department of Computer Science, University of Ottawa, Ottawa, Ontario KIN 6N5, before January 15, 1979.
Electrical Engineering: Assistant or Associate Professor to start on or before September 1, 1979. Tenure track position for person with teaching and research interest and capabilities in one or more of the following: digital electronics, minicomputer/microcomputer distributed systems, operating systems, compiler design, computer architecture design. Applicants must hold the Ph.D. or equivalent in Electrical or Computer Engineering. Application deadline February 1, 1979. (May be extended if applicant pool is small). Send resume and the names of two references to: Chairman of the Search Committee, Electrical Engineering Department, The University of Akron, Akron, Ohio 44325. An equal opportunity, affirmative action employer. 

Texas Tech University invites applications for two anticipated tenure-track positions in 1979 at the rank of Assistant Professor. Applicants must have an earned doctorate in Computer Science, a doctoral program in the Department of Mathematics, and the potential and ability to work harmoniously with one's colleagues. Preferred specialties are data base systems, software engineering, programming languages and operating systems. Teaching load, salary and benefits are competitive. The Computer Science Group is a small but growing unit of the Department of Mathematics. It expects to add five more FTE's and become a separate department by 1984. Send resumes and 3 references to:

Professor Monty Straus
Computer Science Hiring Committee
Department of Mathematics
Texas Tech University
Lubbock, Texas 79409

Preference given to applications received by January 15. We will interview at the 1979 Computer Science Conference in Dayton. TTU is an AA/EO Employer.

Chairperson
Department of Computer Science
Wayne State University

Wayne State University is a comprehensive state university with 30,000 students. It has outstanding computational facilities including an Amdahl 470/V6. The College of Liberal Arts has created a Department of Computer Science within the Computer Science Section of the Department of Mathematics and is now seeking the person best qualified to head that new department. The department currently has eleven faculty members, all but one of whom hold the Ph.D. degree, and is reponsible for a thriving program which enrolls an average of 1500 students each term and grants both bachelor's and master's degrees. The University considers Computer Science a very important growth area and is presently reviewing a proposal to create a new computer science department. The chairperson will have an ideal opportunity to influence the many important decisions that face a growing program.

The search committee seeks candidates with distinguished scholarly records who are dedicated to research and education in computer science. Applications, nominations, and inquiries should be sent to:

Dean Martin T. Wechsler, Secretary
Computer Science Search Committee
College of Liberal Arts
Wayne State University
Detroit, Michigan 48202

Wayne State University is an equal opportunity/affirmative action employer.

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FACULTY POSITIONS

School of Information and Computer Science
Georgia Institute of Technology
Atlanta, Georgia 30332

The School of Information and Computer Science anticipates filling one or more faculty positions in the coming academic year. These may be new positions or junior or senior ranks. The School offers the BS, MS, and Ph.D. degrees with specialization in computer science, programming languages and information systems. Teaching load, salary and benefits are competitive. The Computer Science Program is a growing area in the University, and is responsible for a thriving program which enrolls an average of 1500 students each term and grants both bachelor's and master's degrees. The University considers Computer Science a very important growth area and is presently reviewing a proposal to create a new computer science department. The chairperson will have an ideal opportunity to influence the many important decisions that face a growing program.

The search committee seeks candidates with distinguished scholarly records who are dedicated to research and education in computer science. Applications, nominations, and inquiries should be sent to:

Dean Martin T. Wechsler, Secretary
Computer Science Search Committee
College of Liberal Arts
Wayne State University
Detroit, Michigan 48202

Wayne State University is an equal opportunity/affirmative action employer.

December 1978

Department of Electrical and Computer Engineering
University of Colorado

Solicits applications for a tenure-track position at the rank of Assistant Professor starting Fall (or summer) 1979. Applicants must have a Ph.D. in Electrical Engineering or Computer Science, and be competent to teach both undergraduate and graduate level courses and to conduct research in several of the following areas: Programming Languages, Data Base Systems, Operating Systems, Theory of Computation, Computer Architecture, Hardware/Software Interface, Digital Signal Processing, Industrial experience and an interest in other areas of Electrical Engineering are highly desirable qualifications. The University of Colorado at Denver is a rapidly growing urban institution emphasizing graduate and professional education for a large part-time student clientele, and is an equal opportunity/affirmative action employer. Resumes should be sent, before February 1, to: Professor William D. Murray, Electrical & Computer Engineering, University of Colorado at Denver, Denver, Colorado 80202.

School of Engineering
Oakland University

The School of Engineering, Oakland University invites applications for positions in the following disciplines and preferred areas:

Computer Science: Minicomputers and microcomputers, operating systems and systems software; programming languages, formal language theory and compiler design; data base management and information retrieval systems; pattern recognition; software engineering.

Electrical and Computer Engineering: Digital and systems; computer hardware and architecture; computer-aided design. Starting date August 15, 1979. Duties include undergraduate and graduate teaching and research. Interested in sponsored research activities essential. Doctorate required. Rank and salary commensurate with qualifications. Send resume to:

Chairman, Search Committee
School of Information and Computer Science
Georgia Institute of Technology
Atlanta, Georgia 30302

Georgia Tech is an equal opportunity employer.

Simon Fraser University

Computing Science Department

Three tenure-track positions in Computing Science are available in September, 1979. A Ph.D. in Computing Science (or equivalent) is required with specialization in one or more of the following areas:

- Interactive Graphics, Analysis of Algorithms,
- Software Engineering

Responsibilities will include teaching at the undergraduate and graduate levels, research and the usual administrative activities. The department has an interactive graphics laboratory including an Evans and Sutherland Picture System and a mini-computer, microprocessor, and hardware laboratories. The university has a central computing facility supporting both MTS and OS. Applications will be received until the positions are filled; all appointments are subject to the availability of funds. To apply, send curriculum vitae and the names of three references to:

Professor James J. Weinikam
Computing Science Department
Simon Fraser University
BURNABY, B.C.

TELEPHONE: (604) 291-4277

Please state the area in which you are applying.

December 1978

Department of Electrical and Computer Engineering
University of Colorado

Solicits applications for a tenure-track position at the rank of Assistant Professor starting Fall (or summer) 1979. Applicants must have a Ph.D. in Electrical Engineering or Computer Science, and be competent to teach both undergraduate and graduate level courses and to conduct research in several of the following areas: Programming Languages, Data Base Systems, Operating Systems, Theory of Computation, Computer Architecture, Hardware/Software Interface, Digital Signal Processing, Industrial experience and an interest in other areas of Electrical Engineering are highly desirable qualifications. The University of Colorado at Denver is a rapidly growing urban institution emphasizing graduate and professional education for a largely part-time student clientele, and is an equal opportunity/affirmative action employer. Resumes should be sent, before February 1, to: Professor William D. Murray, Electrical & Computer Engineering, University of Colorado at Denver, Denver, Colorado 80202.

School of Engineering
Oakland University

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Atlanta, Georgia 30302

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Professor James J. Weinikam
Computing Science Department
Simon Fraser University
BURNABY, B.C.

TELEPHONE: (604) 291-4277

Please state the area in which you are applying.

December 1978
The University of Iowa Department of Computer Science

Applications are invited from qualified candidates to fill several positions at the levels of Assistant Professor, Associate Professor, and Professor. The Department is well-established and offers B.A., B.S., M.S. and Ph.D. degrees. We are seeking individuals with teaching and research capabilities in a variety of areas including, but not exclusively, artificial intelligence, database systems, operating systems, programming languages, and software engineering. Applicants for senior positions should have demonstrated excellence in teaching and research. Please send resumes and references to:

Prof. Robert J. Baron
Chairperson, Faculty Search Committee
Department of Computer Science
The University of Iowa
Iowa City, Iowa 52242

The University of Iowa is an Affirmative Action and Equal Employment Opportunity Employer.


Computer Science: Ph.D. in CS or allied field required. Preference: data base systems. Send resume to William Topp, Mathematics Dept.

Computer Engineering: Ph.D. in Computer Engineering or allied field required. Preference: Computer Architecture and Software. Program includes required CO-OP. Send resume to: I.D. Dunmire, School of Engineering, E0/AA Employer.

Southern Illinois University at Carbondale

Applications are invited for an assistant professor and associate professor faculty positions in the co-located Science Department starting August 15, 1979. Candidates should have a broad competence in Computer Science and a specialty in at least one of the following fields: operating systems, computer architecture, information systems. Full participation in the department's graduate and undergraduate programs is expected. In the case of the associate professor position, an established research record is required. A Ph.D. will be required as of date of employment.

Applications and supporting materials should be received on or before February 15, 1979, to Faculty Recruitment Committee, Department of Computer Science, Southern Illinois University, Carbondale, Illinois 62901. SIUC is an Equal Opportunity/Affirmative Action Employer.

Visiting Faculty Position: Educational grant position for 1979-80 academic year involving coordination and development of computer-generated, graphical, audio-visual aids for undergraduate instruction. A broad background in electrical engineering fundamentals and expertise in computer graphics, computer educational methods, audiovisual aids and computer aided instruction is recommended. A sabbatical arrangement is encouraged. Send resume to: Dr. Russell J. Niederjohn, Project Director, Electrical Engineering Department, Marquette University, Milwaukee, Wisconsin 53233. Marquette University is an equal opportunity/affirmative action employer.

Magnetic Recording Research: Applied research openings are immediately available for self-motivated, analytic-minded engineers or scientists. Candidates will include conceiving and developing new knowledge of magnetic recording devices and systems via combined theoretical and experimental investigations, and evaluation of state-of-the-art components of related research projects. Candidates must have an advanced degree in electrical engineering or applied physics with a minimum of two years' practical experience in research and development. Experience in design is highly desirable. Background in magnetic recording and signal processing or communications is preferred. Please submit your resume to the attention of Dr. Janet Rotter at the Sperry Research Center, 100 North Road, Sudbury, Massachusetts 01776. An Equal Opportunity Employer.

The Department of Mathematics, Statistics, and Computer Science, at Southern Illinois University—Edwardsville seeks qualified applicants for the following positions in Computer Science. In these positions, rank and salary are negotiable, depending jointly upon previous experience and instructional experiences. Emphasis on research potential will figure prominently in the selection of candidates for these positions.

This comprehensive Department which offers degree options in Mathematics, Statistics, and Computer Science, functions in concert with the other departments within the School of Science & Technology. Consequently, opportunities for collaboration with colleagues in Engineering, Physics, Chemistry, and the Life Sciences are unusually good, and appointees can expect recognition of their ability to engage in interdisciplinary or cross disciplinary research activities. SIUE is located in a rural setting within commuting distance of St. Louis, Missouri and serves the eastern metropolitan area. Current enrollment is approximately 10,000 students. Interested applicants should send vita and references by January 15 to H. K. Wilson, Chairman, Department of Mathematics, Statistics, and Computer Science, Southern Illinois University—Edwardsville, Edwardsville, IL 62026. An affirmative action employer. SIUE offers equal employment opportunity without regard to race, color, creed or religion, age, sex, national origin, or handicap.

Faculty Positions in Computer Science—The University of Colorado at Boulder: Applications are invited for several tenure-track positions at the assistant, associate or full professor rank. (A one-year visitor position may also be available.) Candidates from all areas of specialization within computer science will be considered; the department has a special interest in candidates in the hardware systems area. Candidates should be interested in both research and teaching. A starting date of September, 1979, is preferred but other dates can be considered. Applications should include a curriculum vitae, a statement of future research plans, an indication of teaching interests, and the names and addresses of three or more references. Non-U.S. Citizens should include an explanation of their immigration status. Applications will be accepted until 1 June 1979; positions may, however, be filled beginning 1 November 1979. Send inquiries and applications to: Professor William E. Riddle, Computer Science Department, University of Colorado, Boulder, Colorado 80309. The University of Colorado is an Equal Opportunity/Affirmative Action/Equal Opportunity Employer.

The University of Texas at Arlington

Applications for faculty positions in Computer Science and Engineering at The University of Texas at Arlington are now being considered for the spring or fall 1979 term. An engineering background with a doctorate in computer science or engineering is desired. Applicants should be able to teach and perform research in hardware, software, or software engineering. Dr. Roger S. Walker, Computer Science and Engineering, The University of Texas at Arlington, Arlington, Texas 76019. The University of Texas at Arlington is an Equal Opportunity Affirmative Action Employer.
University of Southern California: Faculty Positions in Computer Engineering. The Department of Electrical Engineering has several faculty positions available at both junior and senior levels. Applicants should have teaching and research interests in computer engineering, preferably in one or more of the following areas: computer architecture, computer networks, digital system design, logic design, microprocessors, parallel processing, performance evaluation and software engineering. USC is the largest private university in the West. The Department of Electrical Engineering has over 50 faculty members and offers outstanding facilities for teaching and research.

Interested persons should send a resume to: Faculty Search Committee, Department of Electrical Engineering, Powell Hall 404, University of Southern California, University Park, Los Angeles, CA 90007.

USC is an Equal Opportunity/Affirmative Action Employer.

Department of Computer Sciences
The University of Texas at Austin

The University of Texas at Austin Department of Computer Sciences has faculty position openings at the Assistant Professor level beginning September 1979. Applications from persons with a Ph.D. and research interests in architecture and programming languages are especially solicited. Salaries will be competitive. Enthusiasm for teaching as well as for research is essential. The University of Texas at Austin is an equal opportunity affirmative action employer. Applications or inquiries should be addressed to: Chairman, Department of Computer Sciences, The University of Texas at Austin, Austin, Texas 78712.

Tenure Track Position
Applications are invited from Computer Scientists with backgrounds in research and teaching. Ph.D. (as of 9/79) required. The successful applicant must be able to guide undergraduate and graduate students in the Computer Science curriculum. Strong research opportunities exist in Num. Anal., OR, and Computer Graphics; however, overall excellence is preferable to specific expertise. Send a complete resume including references to:

Richard C. Roberts, Faculty Search Committee
Department of Mathematics
University of Maryland Baltimore County
Baltimore, Maryland 21228
An Equal Opportunity/Affirmative Action Employer.

Faculty Position—Computer Science, Murray State University: This is a tenure track position commencing January 1, 1979 or August 1, 1979.

Qualifications: Ph.D. in Computer Science. Teaching and industrial experience desirable. The successful candidate will be expected to teach courses in programming languages and operating systems. Rank and salary dependent upon qualifications and experience.

Send application, resume, three confidential letters of reference, undergraduate and graduate transcripts to:

Dr. Robert C. Etherton
Box 2109 University Station
Murray, KY 42071

Murray State University is an Equal Opportunity Employer, M/F and encourages applications from all qualified persons.

Faculty Positions
The George Washington University

The Department of Electrical Engineering and Computer Science expects to have openings for faculty positions starting the Spring 1979 and Fall 1979 semesters. The areas of interest include but are not limited to Computer Science (Software), Power Systems, Controls, Data Communications. Persons with Doctorate Degrees and/or research experience with an interest in both teaching and research should send their C.V., publications, and references to:

Professor R.L. Pickholtz
Chairman, Dept. of EE & CS
School of Engineering and Applied Science
The George Washington University
Washington, DC 20052

The University is an affirmative action and equal opportunity employer.

Duke University

Faculty positions exist at the Assistant Professor level in the Computer Science Department for Ph.D.'s with a strong research commitment and an interest in teaching at both the graduate and undergraduate levels. Applicants should have demonstrated research interest in programming methodology, programming languages, software engineering, data-base methodology or microcomputer networks. Applications from individuals interested in using medical sciences as a source of problems for research are of particular interest.

Please send resume to Dr. Merrell L. Patrick, Department of Computer Science, Duke University, Durham, North Carolina 27706.

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Computer Design
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Individual with 4-8 years experience in design and implementation of large scale data base systems. Position includes research, product definition and performance analysis on data base computer systems. PhD preferred but not mandatory.

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