WESTERN MICHIGAN UNIVERSITY, Faculty Position, Department of Computer Science. The CS department at Western Michigan University invites applications for a tenure track faculty position in Computer Science at the rank of assistant professor, beginning January or August of 2005. Applications from persons with research interest in any area of computer science will be considered. Candidates with research interests in bioinformatics, databases, network security and software engineering are especially encouraged to apply. An earned Ph.D. in computer science or a related field is required. The department offers two B.S. degrees, two M.S. degrees and a Ph.D. degree. For more information, visit: http://www.cs.wmich.edu Review of applications will begin July 2004 and will continue until position is filled. Applications including a resume and names of three references should be sent by hardcopy (no email will be accepted) to: Prof. Mohsen Guizani, Computer Science, Western Michigan University, 4601 Campus Drive, B-237, Kalamazoo, MI 49008. Western Michigan University is a Carnegie doctoral research extensive institution serving around 30,000 students at its main and branch campuses. WMU has embarked upon a vigorous affirmative action program and encourages the application of qualified women and members of minority groups.

THE UNIVERSITY OF TENNESSEE, The Imaging, Robotics, and Intelligent Systems (IRIS) Laboratory. The IRIS Lab invites applications for multi-year Research Assistant/Associate Professorships and Ph.D. Fellowships. The IRIS Lab’s emphasis is in the fields of Three-dimensional Imaging, Data Fusion, and Visualization. For 2004, the IRIS Lab is expected to have a staff of 50 and an annual budget over $3 Million. Interested persons should contact: Mongi Abidi, Professor and Associate Department Head, Department of Electrical and Computer Engineering, 328 Ferris Hall, Knoxville, TN 37996-2100. Web: http://imaging.utk.edu/opportunities/opportunities.htm, Phone: 865-974-5454, Fax: 865-974-5459, E-Mail: abidi@utk.edu. UTk is an EEO/AA/Title VI/Title IX/Section 504/ADA/DEA Employer.

THE UNIVERSITY OF WESTERN AUSTRALIA, Lecturer/Senior Lecturer (REF: 451), Communications, School of Electrical, Electronic and Computer Engineering. Tenurable appointment. Salary range: Lecturer Level B $57,144 - $67,860 p.a. Salary range: Lecturer Level C $70,001 - $80,717 p.a. The successful applicant is expected to have a active interest in networking and communications research, be committed to the supervision of students both at the postgraduate and undergraduate levels as well as teaching, and collaborate with one of the School’s major research groups. Applicants must have a PhD and should be able to demonstrate their potential as a lecturer and a researcher. The School has a very active research program in the area of communications and networking especially through WA Telecommunications Research Institute. Related information can be found at http://www.watiri.org.au. The successful applicant should have an appropriate engineering experience in university and/or industry in the areas of communication and networking system design and implementation. Further experience in wireless and mobile aspects of communication and/or in EMC is desirable.

National ICT Australia Limited
Australia’s New Centre of ICT Excellence

National ICT Australia Limited (NICTA) is seeking applications from high performing and entrepreneurial researchers for a continuing appointment as Principal Researcher / Senior Principal Researcher (Level D/E) in the Embedded, Real-time and Operating Systems Program (ERTOS).

PRINCIPAL RESEARCHER/SENIOR PRINCIPAL RESEARCHER EMBEDDED, REAL-TIME AND OPERATING SYSTEMS

The ERTOS Program (http://nicta.com.au/ertos.html) is based in Sydney on the campus of the University of New South Wales. Its focus is on embedded systems software that is reliable and inexpensive to develop and maintain. To support this overall aim, the Program maintains or seeks to develop research activities in the areas of small and efficient kernels, operating-system support for component systems and lightweight component frameworks, secure/trustworthy systems, reconfigurable systems on a chip, provably correct/verified systems, fault tolerance, real-time systems, compiler support and programming language techniques for embedded and real-time systems, and embedded systems design and integration. The emphasis is on pragmatic approaches leading to usable systems. There are strong links with other NICTA Programs, including more theoretically-oriented ones.

Candidates will be expected to have a strong track record and international reputation of research and leadership in the above areas, along with a vision of how their research can make an impact in the Australian context. The desire and ability to collaborate with researchers from other disciplines in order to contribute to NICTA’s overall vision is essential. Experience with technology transfer and commercialisation is highly desirable.

A key pillar of NICTA is to promote commercialisation of IP produced. To facilitate this, NICTA provides a range of business development and commercialisation support mechanisms and incentives. The organisation is well funded and there is generous support for travel, equipment and research support staff. Appointees are eligible for conjoint appointments at the level of Associate Professor/Professor at the University of New South Wales. For further information about the Program or the positions, contact the Program Leader, Prof Gernot Heiser (gernot@nicta.com.au) +61-2-9385-5156.

Further information, which details the information required from all applicants, is available on the NICTA website (http://www.nicta.com.au).

Candidates must submit a their CV, referee names and a vision statement of one or two pages, outlining the candidate’s research interests and how they will contribute to the vision of ERTOS and NICTA in general.

Applications for this position should be submitted to jobs@nicta.com.au by 30 June 2004.
DoCoMo Communications Laboratories USA, Inc.

DoCoMo USA Labs is part of the world's leading mobile communications company, NTT DoCoMo, the premier wireless service provider in Japan and an innovator recognized throughout the world of mobile communications. NTT DoCoMo launched the world’s first 3G mobile service in 2001 and operates the world’s largest mobile internet service, i-mode. The company conducts its Research and Development at Yokosuka Research Park in Tokyo and at three global R&D locations, San Jose USA, Munich Germany and Beijing China.

DoCoMo USA Labs is located in Silicon Valley where we are conducting research into advanced operating systems, wireless applications, networks, protocols and media. The laboratory is organized into four distinct labs: the Media Lab (ML), the Mobile Software Lab (MSL), the Network Architecture Lab (NAL), and the Network Service and Security Lab (NSSL). The four labs are unified by the common goal of providing breakthroughs in mobile Internet technologies and future platform definition.

This is your opportunity to be part of the future and pursue your dreams at DoCoMo USA Labs. We are expanding and seeking suitably qualified applicants for the following positions.

Network Architecture Lab  (nal@docomolabs-usa.com)
- Wireless Networking Project Manager (ref. NAL1s)
  Address fundamental research in wireless networks, protocols and systems. IP-based RAN and core network design including routing and addressing. MAC layer and mobility management and security.

Mobile Software Lab  (msl@docomolabs-usa.com)
- Mobile Operating Systems Project Manager (ref. MSL1s)
  Lead research into new operating systems principles and concepts. Topics include memory management, scheduling, file systems, and communications.
- Researcher in Operating System Scheduling and Process Management (ref. MSL2s)
- Secure Languages Researcher (ref. MSL3s)
- Operating System Researcher in Kernel Design and Implementation (ref. MSL4s)
- Operating System Researcher in File Systems and Storage Management (ref. MSL5s)
- Middleware Researcher (ref. MSL6s)

Network Service and Security Lab (nss@docomolabs-usa.com)
- Mobile Wireless Security Project Manager (ref. NSSL1s)
  Lead, coordinate and carry out research in the security aspects of mobile wireless systems and networks, including network security and cryptography applications.
- Mobile Network Security Senior Researcher (ref. NSSL3s)
- Mobile Network Security Researcher (ref. NSSL4s)
- Mobile Service Infrastructure Researcher (ref. NSSL2s)

Media Lab  (mm@docomolabs-usa.com)
- Mobile Multimedia Researcher (ref. MM1s)
  Research topics include speech and audio coding, video coding, non-linear signal processing and delivery of multimedia content over IP networks.

Qualifications and Experience
Applicants are expected to have a Ph.D. or equivalent in C.S., E.E., or C.E. Applications are invited from candidates with all levels of experience. A track record of research is expected for senior positions.

To Apply
Please apply by emailing your resume to the email address shown after each Lab’s name and be sure to include job title and job reference number. Example: if you are applying for Mobile Operating Systems Project Manager (ref. MSL1s) you would email to msl@docomolabs-usa.com and put Project Manager / ref. MSL1s in the subject title of the email.

For further information, visit the careers section on our website www.docomolabs-usa.com

An Equal Opportunity Employer
Duties include development and delivery of lectures and laboratory courses in the associated topics of the School’s undergraduate courses. Candidates with industrial experience are encouraged to apply. Women are also particularly encouraged to apply. Applicants with teaching experience are requested to submit a teaching portfolio as part of their application. Further information regarding the position please contact Maureen Russell, School Manager on 6488 3134 or email maureen@ee.uwa.edu.au. CLOSING DATE: Friday, 25 June 2004. Benefits include generous superannuation and leave provisions and an enviable working environment. These and other benefits will be specified in the offer of employment. APPLICATION DETAILS: For copies of the selection criteria please access the website http://jobs.uwa.edu.au/. Applicants must address the selection criteria. Written applications quoting the reference number, personal contact details, qualifications and experience, along with contact details of three referees should be submitted by the closing date. Committed to recruiting, developing and retaining the highest quality staff.

SYSTEMS PROGRAMMER. Systems Programmer needed for company involved in distribution of computer components, accessories & peripherals, headquartered in Miami, FL. Position requires degree + experience. Please fax resume only to Software Brokers of America (305) 477-5694, Attn: Isaac.
Applications are invited for:-

Department of Computer Science and Engineering

Assistant Professors / Associate Professors / Professors (visiting appointments)

(Ref. 04/057(363)/2)

Applicants should have (i) a relevant PhD degree; (ii) strong commitment to excellent teaching and research; and (iii) outstanding research accomplishment or potential. Those with experience in the following areas are particularly welcome: (a) Bioinformatics; (b) Digital Entertainment; (c) Computer and Networking Security; (iv) Software Engineering; and (v) Computer Engineering. The principal medium of instruction is English. Appointments will be made on fixed term contract basis for one to two years from August 2004. Applications will be accepted until the positions are filled. A profile of the Department can be found at http://www.cse.cuhk.edu.hk.

Salary and Fringe Benefits
Salary will be highly competitive and the level of appointment commensurate with qualifications and experience. The University offers a comprehensive fringe benefit package including a contract-end gratuity if appointed for two years.

Further information about the University and the general terms of service for teaching appointees is available at http://www.cuhk.edu.hk/personnel. The terms mentioned herein are for reference only and are subject to revision by the University.

Application Procedure
Please send an application letter together with full resume, a brief research plan, copies of academic credentials, a publication list, selected publications and at least three pieces of reference, to Professor K.S. Leung (e-mail: recruit@cse.cuhk.edu.hk), Chairman, Department of Computer Science and Engineering, Ho Sin-Hang Engineering Building, The Chinese University of Hong Kong, Shatin, Hong Kong. The Personal Information Collection Statement will be provided upon request. Please quote the reference number and mark ‘Application - Confidential’ on cover.

THE UNIVERSITY OF TEXAS AT DALLAS
ERIK JONSSON SCHOOL OF ENGINEERING AND COMPUTER SCIENCE
TELECOMMUNICATIONS ENGINEERING

Faculty Positions – Wireless Multimedia, IP Routing Protocol and Software Defined Radio

The Erik Jonsson School of Engineering and Computer Science at the University of Texas at Dallas invites applications for telecommunication engineering tenured faculty positions in the architecture, systems, software and protocols for wireless and wireline very large scale networks of the future, including but not limited to:

- Wireless Multimedia
- New Routing Protocols
- Software Defined Radio
- Security
- Network Management

and related areas. Positions are at the associate or full professor levels, starting summer or fall 2004. The successful candidate would be appointed a faculty position in either the Department of Electrical Engineering or the Department of Computer Science. Candidates must have a Ph.D. degree in Electrical Engineering, Computer Science, Software Engineering, Computer Engineering or equivalent. Candidates should have a strong record of research, teaching, and external funding. A startup package in seven figures has been budgeted to these positions.

The Erik Jonsson School of Engineering and Computer Science offers an interdisciplinary Ph.D. degree in Telecommunications Engineering; M.S. degree in Telecommunications Engineering; B.S. degree in Telecommunications Engineering (the first ABET accredited B.S.T.E. in the US). Faculty for the telecommunications engineering program consists of members from Computer Science and Electrical Engineering. Currently the program has a total of 23 TE affiliated tenure-track faculty and 8 TE affiliated senior lecturers. In fall 2002, a new 152,000 sq. ft. building opened for Computer Science and Engineering to supplement the existing 1994, 150,000 sq. ft. engineering and computer science building. The engineering & computer science buildings provide extensive laboratory facilities for research in computer engineering, electrical engineering, telecommunications engineering, software engineering and computer science.

The University is located in the most attractive suburbs of the Dallas metropolitan area. There are over 900 high-tech companies within 5 miles of the campus, including Texas Instruments, Nortel Networks, Alcatel, Ericsson, Hewlett-Packard, Nokia, Fujitsu, MCI, EDS, and Perot Systems. Almost all the country’s leading telecommunication’s companies have major research and development facilities in our neighborhood. Opportunities for joint university-industry research projects are excellent. The Jonsson School has experienced very rapid growth in recent years and will become a top-ranked engineering school in the next five years. The Jonsson School is strengthening and expanding its programs by recruiting outstanding faculty and Ph.D. students, increasing funded research, and establishing new programs. The Jonsson School will benefit from a $300 million program of funding from public and private sources over the next five years (see www.utdallas.edu/utdgeneral/news/).

For more information, view the Internet webpage at www.te.utdallas.edu or contact Dr. Duncan MacFarlane, Search Chair, at 972-883-4658. The search committee will begin evaluating applications as soon as possible and will continue until the positions are filled.

Applicants should mail their resume with a list of at least five academic or professional references as soon as possible to:

Academic Search #757
The University of Texas at Dallas
P.O. Box 830688, M/S AD 23
Richardson, TX 75083-0688

The University of Texas at Dallas is an Equal Opportunity Affirmative Action employer and strongly encourages applications from candidates who would enhance the diversity of the University’s faculty and administration.
Virginia Commonwealth University invites applications for the position of Professor and Chairperson of Computer Science. VCU is a Carnegie Doctoral/Research University offering over 162 baccalaureate, master’s, doctoral, professional and certificate degree programs to over 26,000 students. VCU is also home to the VCU Medical Center, which includes the nation’s fourth largest university-based medical school and hospital. Computer Science, one of six programs of study offered by the VCU School of Engineering, currently has nine faculty members with research interests in the areas of Software Engineering, Networking, Software Testing, Medical Applications, Database, Neural Networks, Parallel Programming and Programming Languages. The computer science program has strong ties to the Bioinformatics program in Life Sciences, and excellent working relationships with both Information Systems and Computer Engineering.

The Computer Science Program has offered baccalaureate, certificate, and master’s degrees for over 20 years. It was the first in the state to become accredited by the Computer Accreditation Committee of ABET in 1988. In Fall of 2001, the program was moved to become part of the School of Engineering. At this time the School of Engineering also initiated a Ph.D. program in Engineering. Computer Science students can now complete a Ph.D. in Engineering by following a computer science track. The faculty in the computer science program are committed to maintaining a standard of excellence in undergraduate teaching while expanding research activities in conjunction with this newly instituted Ph.D. program.

Candidates for this position must be eligible for employment in the United States and indicate their citizenship or visa status. A Ph.D. in Computer Science is required. We seek a chairperson with a strong research record who can support the teaching and research missions of the computer science program. The Chairperson’s responsibilities include direction of and contribution to the undergraduate and graduate teaching mission of the program; promoting the continued growth of the faculty’s teaching and research efforts; balancing the teaching, research and service commitments of the faculty, and facilitating research opportunities for the faculty. The Chairperson also manages departmental expenditures, and supervises assessment and improvement of the program to maintain ABET accreditation. Applicants should submit a statement of their teaching and research interests in the areas of Software Engineering, Networking, Software Testing, Medical Applications, Database, Neural Networks, Parallel Programming and Programming Languages. Additionally, applicants should submit a statement of their teaching and research activities in conjunction with this newly instituted Ph.D. program.

Virginia Commonwealth University is an Equal Employment Opportunity/Affirmative Action Employer. Women, minorities, and persons with disabilities are encouraged to apply.

INTEGRATED COMPUTER SYSTEMS PROGRAMMER. Utilizing Visual Basic and C++, programs integrated computer systems. 40 hrs/wk. 9:00 a.m. to 6:00 p.m. $73,736/year. Bachelor of Science required in Computer Science/Systems. Two years of experience in job or two years as an Embedded Computer Programmer required. Applicants must show proof of legal authority to work in the U.S. North Chicago. Send resumes to: Illinois Department of Employment Security, 401 South State Street-7North Chicago, Illinois 60605. Attn: Leonard Boksa. Reference# V-IL 36119-B an employer paid ad. No calls, faxes or email. North Chicago. Send copies of both resume & cover letter to: Marian Anderson, Classified Advertising, Vaqueros Circle, PO Box 3014, Los Alamitos, CA 90720-1314; (714) 821-8380; fax (714) 821-4010. Email: manderson@computer.org.