CAREER OPPORTUNITIES

THE UNIVERSITY OF TENNESSEE

The Imaging, Robotics, and Intelligent Systems (IRIS) Laboratory at the University of Tennessee: The IRIS Lab invites applicants 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 2003, the IRIS Lab is expected to have a staff of 40 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@eptk. utk.edu. UTK is an EEO/Title VI/Title IX/Section 504/ADA/ADEA Employer.

UNIVERSITY OF KANSAS

Bioinformatics Faculty
Department of Electrical Engineering and Computer Science

The Department of Electrical Engineering and Computer Science (ECECS) of the University of Kansas (KU) seeks two outstanding individuals to fill tenure track faculty positions in the disciplines of computer science or computer engineering with a focus on bioinformatics theory/sciences. The successful faculty candidate is expected to contribute to the development of academic and research programs in computing with an application focus in bioinformatics while participating in research collaborations. KU has a major commitment to support life sciences research, including bioinformatics, and there are outstanding opportunities for collaboration with others on the Lawrence campus, KU Medical Center in Kansas City, KS, using expanded capabilities for proteomics research, which soon will include state-of-the-art mass spectrometry instrumentation (MALDI-TOF/TOF, MALDI QToF, and linear ion trap), and automated equipment for separation, proteolytic digestion, and sample archiving.

The appointment will be effective as negotiated. Applications and nominations should be sent to Dr. Victor Frost, Search Committee Chair, KU, Nichols Hall, 2335 Irving Hill Dr., Lawrence, KS 66045. Applications should include a letter of application, curriculum vita, and the names and addresses of three references. Applications will be reviewed beginning April 21, 2003 and will be accepted until the position is filled.

The University of Kansas is an EO/AA employer.

THE UNIVERSITY OF TEXAS AT AUSTIN

Endowed Position in Distributed and Grid Computing

The Institute for Computational Engineering and Sciences at the University of Texas invites applications for the Irving Hill Dr. (IHD) Endowed Chair in Distributed and Grid Computing at The University of Texas at Austin. The IHD Chair is located in the School of Engineering and is expected to be filled on a competitive basis. The IHD Chair is expected to contribute to the development of research programs in distributed computing and grid computing with an emphasis on computational biology. The successful candidate is also expected to work closely with other researchers in computational biology, engineering, and computer science. The successful candidate is expected to contribute to the development of academic and research programs in computing with an application focus in computational biology while participating in research collaborations. The successful candidate is also expected to contribute to the development of academic and research programs in computing with an application focus in computational biology while participating in research collaborations. The successful candidate is also expected to contribute to the development of academic and research programs in computing with an application focus in computational biology while participating in research collaborations. The successful candidate is also expected to contribute to the development of academic and research programs in computing with an application focus in computational biology while participating in research collaborations. The successful candidate is also expected to contribute to the development of academic and research programs in computer science, computer engineering, or related fields. Demonstrated research and academic leadership is required for senior ranks.

The University of Texas at Austin is an equal opportunity/affirmative action institution and is committed to diversity in the classroom and workplace.

SUBMISSION DETAILS: Rates are $235.00 per column inch ($300 minimum). Eight lines per column inch and average five typeset words per line. Send copy at least one month prior to publication date to: Marian Anderson, Classified Advertising, Computer Magazine, 10662 Los Vaqueros Circle, PO Box 3014, Los Alamitos, CA 90720-1314; (714) 821-8380; fax (714) 821-4010. Email: manderson@computer.org.

In order to conform to the Age Discrimination in Employment Act and to discourage age discrimination, Computer may reject any advertisement containing any of these phrases or similar ones: “...recent college grad...” “...1-4 years maximum experience...” “...up to 5 years experience...” or “...10 years maximum experience.” Computer reserves the right to append to any advertisement without specific notice to the advertiser. Experience ranges are suggested minimum requirements, not maximums. Computer assumes that since advertisers have been notified of this policy in advance, they agree that any experience requirements, whether stated as ranges or otherwise, will be construed by the reader as minimum requirements only. Computer reserves the right to offer salaries that are competitive, but occasionally a salary may be offered that is significantly below currently acceptable levels. In such cases the reader may wish to inquire of the employer whether extenuating circumstances apply.
Texas at Austin invites applications for a new position in Distributed and Grid Computing that will carry a tenured appointment in Computer Sciences, Computer Engineering, or a related area and a $2,000,000 renewable term endowment. The holder of this position will be expected to establish UT-Austin as a leader in Distributed and Grid Computing. The candidate should have a track record in interdisciplinary research and in advising PhD dissertations.

Applicants should submit a full resume including ten references. Emailed resumes must be in PDF format to Lorraine Sanchez (lorraine@ticam.utexas.edu) or by US mail to:
Grid Chair Search Committee
Institute for Computational Engineering and Sciences
1 University Station C0200
The University of Texas at Austin
Austin, Texas 78712
UT-Austin is an Equal Opportunity/Affirmative Action Employer.

TELECOM OAM&DIRECTOR
(Houston/L-3 Prime Wave Communications)

Overall mgmt authority for s/ware integ-
ration for fixed wireless telecom mgmt
sys to evolve network mgmt solutions &
for selection training of sys integration
staff with specific responsibilities for tech-
nologies incl TMN (CORBA, DCOM),
CDMA, fixed wireless telecom mgmt syst,
load balancing technologies & distributed
computing in the telecom mgmt context.
Reqs: Masters degree or equiv in elect or
comp eng'g + 3 yrs exp in job offered or
3 yrs exp as a Sr S/ware Engr &/or Tech
Lead for fixed wireless networks. Must
demonstrate research abilities in the
field of broad band telecom incl load bal-
ancing technologies & distributed comput-
ing for telecom mgmt syst. Must have
expertise in fixed wireless telecom net-
works & knowl of TMN (CORBA, DCOM),
CDMA, fixed wireless telecom mgmt syst,
Salary Range: Lecturer Level B
$55,203 - $65,555 p.a.
Salary Range: Senior Lecturer Level
C $67,624 - $77,976 p.a.
Applicants for this tenurable position
should have appropriate engineering
research experience in university and/or
industry environments in areas relevant to
Computer Systems Engineering. The
applicant will be expected to contribute
to the School's teaching and research by
activities in one or more of the areas of
computer architectures, parallel, distrib-
uted, real-time and fault-tolerant process-
ing, concurrent software systems, embed-
ded systems and digital systems design,
computer control and mechatronics. The
School also has very active research pro-
grams relating to the following areas:
computer systems, networking, micro-
electronics, photonics, communications,
biomedical engineering, signal process-
ing, robotics, control systems and power
engineering. Duties include development
and delivery of lectures and laboratory
courses in the relevant topics of the
School's undergraduate courses, particu-
larly the Bachelor of Engineering (Infor-
mation Technology) course. Applicants
must play an active role in the research
activities of the School in the above fields
and must have a strong commitment to
supervision of postgraduate students.
Applicants must have a PhD and should
be able to demonstrate their capabilities
as a lecturer and researcher. Applicants
must address the selection criteria and
applicants with teaching experience are
requested to submit a teaching portfolio
as part of their application. For further
information regarding the position
please contact
Lisa Bruciani, School

IBM
India Research Lab
Research Staff Member

IBM India Research Lab (IRL) has several
positions open for Research Staff Mem-
bers. Applicants should have a PhD. or
M.S. degree in Computer Science or
related fields, preferably in software tech-
nology, data management, middleware
and application frameworks, distributed
computing, e-commerce, or natural lan-
guage interfaces.
IRL, located on the IIT-Delhi campus, is
one of the eight IBM Research labs world-
wide. Its 65 research staff members are an
integral part of IBM's worldwide team of
about three thousand researchers. For
more information please visit our website
at http://www.research.ibm.com/irl/. To
apply, please send your resume to
irl@in.ibm.com, mentioning "Ref: Ad in
IEEE" in the subject line.
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SYSTEMS ANALYST

BA in Computer Science, Mechanical
Engineering or related field req. Send ad
w/resume to: Siteleite Holdings, Attn: HR,
111 Theory, 2nd Floor, Irvine, CA 92612.

THE UNIVERSITY OF WESTERN
AUSTRALIA, PERTH
Lecturer/Senior Lecturer (REF: 90)
COMPUTER SYSTEMS ENGINEERING
SCHOOL OF ELECTRICAL,
ELECTRONIC AND COMPUTER
ENGINEERING

Salary Range: Lecturer Level B
$55,203 - $65,555 p.a.
Salary Range: Senior Lecturer Level
C $67,624 - $77,976 p.a.

Applications and nominations are solicited
for the position of Technical Director of the
Network for Computational Nanotechnology (NCN), a new NSF initiative based at Purdue
University with a three-fold mission of research, infrastructure, and education. The NCN
will conduct research from atoms to systems beginning in three broad themes: nanoelec-
tronics, nano electromechanics, and nanobioelectronics. It will support this research and
the broader National Nanotechnology Initiative with a unique cyberinfrastructure, and its
educational program will help students, educators, and professionals make use of new sim-
ulation tools and methods. The NCN is a unique undertaking that will link theory, computa-
tion, and experiment; academia, industry, and government; and research, infrastructure,
and education to address the challenges of turning the promise of nanotechnology into prac-

The Technical Director should be a dynamic leader with a PhD in the physical sciences
or engineering and extensive experience in large-scale computational research. The
Technical Director will oversee the creation and support of the NCN’s cyberinfrastructure,
conduct research and teach, and become a visible representative of the NCN in the scientific
community. Exceptional project management and interpersonal skills are required along
with an ability to communicate, advocate, and exchange information with diverse audiences.
Experience in working with private industry and government agencies is also desirable.
Applicants should have a record of research, publication, and funding that qualifies for
a tenured or tenure-track faculty position. The duties of the Technical Director will involve
at least a 50% effort in addition to a faculty appointment in an appropriate academic depart-
ment at Purdue University. Purdue University and the Schools of Engineering have made
an exceptional commitment to interdisciplinary research demonstrated by the establish-
ment of a $100M Discovery Park, which includes a state-of-the-art $56M Nanotechnology
Center, a $15M Biosciences Center, and other research and entrepreneurship facilities.

Applications consisting of a three-page statement of interest summarizing the candi-
date’s qualifications, current curriculum vitae, and names and addresses of at least three
references should be sent to: NCN Search Committee Chair, Purdue University, Potter Engi-
neering Center, 500 Central Dr., Room 114, W. Lafayette, IN 47907-2022. Review of applications
will begin on May 1, 2003 and will continue until the position is filled.

Purdue University is an Equal Access/Equal Opportunity/Affirmative Action employer.
AAO Posting #000962-2003
Manager on +61 8 9380 3894 or email lisa@ee.uwa.edu.au or access the web link http://www.ee.uwa.edu.au/research/

Closing Date: Friday, 30 May 2003

Located adjacent to the picturesque banks of the Swan River, The University of Western Australia offers an attractive benefits package including generous super-annuation, fares to Perth (if applicable) for appointee and dependants along with a removals allowance, generous leave provisions and a working environment that is the envy of many. These and other benefits will be specified in the offer of employment.

Application Details: For copies of the selection criteria please access the website below. Written applications quoting the reference number, personal contact details, qualifications and experience, along with contact details of three referees should be sent to Director, Human Resources, The University of Western Australia, M350, 35 Stirling Highway, Crawley Western Australia 6009 or emailed to jobs@uwa.edu.au by the closing date. http://jobs.uwa.edu.au/

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**PROGRAMMER ANALYST**

Plan, develop and test computer programs. 2 yrs exp req. Send ad w/resume to: Sitelite Holdings, Attn: HR, 111 Theory, 2nd Floor, Irvine, CA 92612.

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**OVERTURE SERVICES INC.**

Overture Services Inc. is hiring junior and senior scientists in the areas of information retrieval, machine learning, Bayesian statistics, and electronic commerce.

Overture (Nasdaq:OVER), formerly known as GoTo, is the world leader in Pay-For-Performance search on the Internet. The company created the market for Pay-For-Performance search and advertising network on the Internet. Overture is based in Pasadena, California, with offices in New York, San Francisco, the United Kingdom, Germany and Ireland. For more information, please visit our website at http://www.overture.com.

Research Scientist—Algorithms—Information Retrieval—Machine Learning

Location: Pasadena

Job Description: Perform research and development in areas related to information retrieval, machine learning, and data mining.

Responsibilities:

- Initiate and execute research projects
- Develop new and innovative algorithms and heuristics
- Build prototypes (hands-on analysis and coding)
- Stay current about state-of-the-art algorithms in the open literature and about competing technologies
- Define and meet milestones for project progress
- Understand the existing Overture business and information systems
- Skills/Qualifications:
  - PhD and research track record in information retrieval, machine learning, natural-language processing, or a related field
  - Excellent communication ability; applicants will be required to give a 30-45 minute presentation on a significant research result in the above fields
  - Ability to understand business strategy and to translate theoretical results into applications
  - Willingness to perform research that is guided by business opportunities
  - Programming ability

We offer an excellent benefits package that starts your first day on the job. This includes: a 401K Plan, Medical (HMO & PPO), Dental & Vision benefits, 2 weeks paid vacation, 3 weeks after 2 years, 8 sick days, Short & Long Term Disability Insurance, Life Insurance, Flexible Spending Account, Employee Assistance Program, Stock Option Plan and Employee Stock Purchase Plan. Employees enjoy a casual dress and fun team environment.

If interested in this position, please reply to: Overture Services, Inc. 74 N. Pasadena Ave. Pasadena, CA 91103 Fax: (626) 685-5601 researchjobs@overture.com Attn: Research & Development

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**THE GEORGE WASHINGTON UNIVERSITY**

School of Engineering and Applied Science

Department of Electrical and Computer Engineering

Washington, DC

Postdoctoral Research Scientist and/or Visiting Scholar Positions

The Department of Electrical and Computer Engineering (ECE) at The George Washington University is seeking qualified applicants for full-time Postdoctoral Research Scientist and/or Visiting Scholar positions in high-performance computing. Applicants must have recent Ph.D. in computer engineering, computer science, or a closely related field, as well as expertise in parallel computing, parallel and distributed architectures and systems, reconfigurable computing and/or hardware design.

The ECE department consists of 23 full-time faculty and 6 research professors. The department offers the BS degree in Bio-medical, Electrical, and Computer Engineering, and the MS and Doctoral degrees in Computer Engineering and in Electrical Engineering. In addition, the department has an active and growing research program. Approximately 400 students are currently enrolled in ECE degree programs.

The George Washington University is located in the heart of Washington, DC, within walking distance of the White House. The University also has a graduate campus in Northern Virginia, set in a major research park near Dulles International Airport. The school’s location in the Washington area offers unprecedented opportunities for research cooperation with industry and government agencies. To learn more about the ECE department, please visit our website at http://ece.gwu.edu/

Review of applications will begin immediately and continue until the positions are filled. Applicants should send a curriculum vitae, research summary, and names of at least three references to: Ms. Mary Chang, Department of Electrical and Computer Engineering, 801 22nd Street, NW, Room 607, The George Washington University, Washington, DC 20052.

The George Washington University is an equal opportunity/affirmative action employer.

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**HARDWARE, NETWORK, PROGRAMMER SPECIALIST**

60K-Boston, MA. Master’s Degree in Computer Science ROUTERS, NETWORKING, SERVERS, PC & MACS, ALL VERSIONS OF MICROSOFT AND APPLE OPERATING SYSTEMS, DHTML, JAVA, JAVASCRIPT, TCP/IP, E-MAIL MDAGENON MAIL SERVER, SQL SERVER 7, ASP, VB 6.0 VBA, TALKWORKS PRO, 3.0, IIS/FTP ADMINISTRATION WINBATCH PRO, ASP ENCRYPT, VISUAL INTERDEV 6.0 RETROSPECT 6.0, PHOTOSHOP 6.0, QUARKX- PRESS 4.01, FILEMAKER PRO, ACCESS 2000, CORELDRAW 9.0 CRYSTAL REPORTS 8.5, EXCEL 2000, WORD 2000 FRONTPAGE 2002, DB ADMINISTRATION. Resume to: rosenfeld@attbi.com

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