THE STATE UNIVERSITY OF NEW YORK AT BUFFALO, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, MULTIPLE FACULTY POSITIONS AT FULL, ASSOCIATE, AND ASSISTANT PROFESSOR LEVELS. Junior and Senior Positions in All Core Areas. We invite outstanding candidates to apply for several tenured or tenure-track faculty positions at all ranks. We welcome qualified applicants in all core areas of Computer Science and Engineering, especially Robotics, Software Systems, Hardware Systems, Big Data Analytics, Cloud Computing, and Theory/Algorithms. Junior Position in Cyber-Physical Systems and Analytics. We also invite outstanding candidates to apply for an opening at the assistant professor level to work closely with the newly established Institute of Sustainable Transportation and Logistics (ISTL). Research areas of interest include, but are not limited to: cyber-physical systems; connected and automated vehicles; data acquisition and analysis; and end-to-end workflow process management. The Department of Computer Science and Engineering has 34 tenured and tenure-track faculty members and four teaching faculty members. Eight members of our faculty are NSF CAREER award recipients. Our faculty members are actively involved in successful interdisciplinary programs and centers devoted to biometrics, bioinformatics, biomedical computing, cognitive science, document analysis and recognition, high performance computing, information assurance and cyber security, and computational & Data science and engineering. Candidates are required to have a Ph.D. in Computer Science/Engineering or related field by August 14, 2014, and should demonstrate potential for excellence in research, teaching and mentoring. Applications should be submitted by December 31, 2013, electronically via http://www.ubjobs.buffalo.edu/. The State University of New York at Buffalo is an Equal Opportunity Employer/Recruiter. PRINCIPAL (Jersey City, NJ): Cap Gemini Financial Services USA Inc. seeks a Principal to oversee and deliver large scale technology enabled programs/engagements within clients in financial domain such as banking, capital markets, insurance. Req’s a Bachelor’s or foreign equiv. in any eng. discipline, comp. sci., or rel’d field with at least 12 yrs exp. with technology dev’t & program/account mgmt in the areas of Credit Risk, Market Risk, Regulatory Risk, & compliance within banking/capital markets. Must have 8 yrs of core tech. dev’t/architecture exp. incl. extreme computing & grid using C, C++, Core Java, J2EE frameworks, COM-CORBA middle tier dev’t, ETL based dev’t w/ tools such as Informatica & Ab Initio & large package based implementations. Must have a min. of 3 yrs exp. In managing sr. client exec. Relationship as client partner/delivery mgr. incl. delivery mgmt., growth of domain expertise, & building center of excellence. Travel req’d 10-15% of time. Please send resume by email to resumeshr.fsgbu@capgemini.com referencing code 1CAP. Only those selected for interview will be contacted. EOE. UNIVERSITY OF NEVADA, RENO. The CSE Department invites applications for three tenure-track Assistant Professor Faculty positions in CSE. One position is in the area of cybersecurity and one is in the area of advanced manufacturing with emphasis in robotics and automation, and digital manufacturing. The third position is open to all research areas, while candidates with expertise in embedded systems, computer architecture, high-performance computing for modeling, simulation and analysis, big data and cloud computing may be given

THE UNIVERSITY OF ALABAMA IN HUNTSVILLE
DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science of The University of Alabama in Huntsville (UAH) invites applicants for a tenure-track faculty position at the Assistant Professor level (or possibly at Associate Professor for experienced, exceptional candidates). We require someone in entertainment computing, in particular in game development/animation, able to help us build out our portfolio in this area.

The position is one part of a multi-year strategic investment in entertainment computing and arts by the university. A Ph.D. in computer science or a closely related area is required. The successful candidate will have a strong interest in aiding our coordination with peers in disciplines such as animation arts, music, etc., and have a strong academic background, be able to carry out research in areas typical for graphics and serious games academic conferences, and be keen on undergraduate education. A commitment to keeping abreast of games technology is an ongoing expectation for the hire. Professional experience in graphics/animation, especially related to game development, is a plus.

The department has a strong commitment to excellence in teaching, research, and service; the hire should have good communication, strong teaching potential, and research accomplishments.

UAH is located in an expanding, high technology area, next door to one of the largest research parks in the nation. Nearby are the NASA Marshall Space Flight Center, the Army’s Redstone Arsenal, and many high-tech industries. UAH also has an array of research centers, including in information technology, modeling and simulation, etc. In short, collaborative research opportunities are abundant, and many well-educated and highly technically skilled people are in the area. There is also access to excellent public schools and inexpensive housing.

UAH has approximately 7500 students. UAH Computer Science offers the BS, MS, and PhD degrees in Computer Science and the MS and PhD degrees in modeling and simulation. Approximately 200 undergraduate majors and 175 graduate students are associated with the unit. Faculty research interests are many—areas closely related to this position include visualization, graphics, multimedia, AI, image processing, pattern recognition, mobile computing, and distributed systems. Recent NSF figures indicate the department ranks 30th in the nation in overall federal research funding.

Interested parties should submit a detailed resume with references to Chair, Search Committee, Dept. of Computer Science, The University of Alabama in Huntsville, Huntsville, AL 35899. Qualified female and minority candidates are encouraged to apply. Initial review of applicants will begin in January 2014 and will continue until a suitable candidate is found. UAH is an equal opportunity/affirmative action institution.
The Department of Computer Science and Engineering at the University of Notre Dame invites applications for Assistant or Associate Professor. Excellent candidates in all areas will be considered.

The Department offers the PhD degree and undergraduate Computer Science and Computer Engineering degrees. Faculty are expected to excel in classroom teaching and to build and lead highly-visible research projects that attract substantial external funding.

The University of Notre Dame is a private, Catholic university with a doctoral research extensive Carnegie classification, and consistently ranks in USNWR as a top-twenty national university. The South Bend area has a vibrant and diverse economy with affordable housing and excellent school systems, and is within easy driving distance of Chicago and Lake Michigan.

Applications should send a CV, statement of teaching and research interests, and contact information for three professional references to: cse-search-2014@nd.edu.

The University of Notre Dame is an Equal Opportunity, Affirmative Action Employer.
CAREER OPPORTUNITIES

CALIFORNIA STATE UNIVERSITY SAN BERNARDINO. The School of Computer Science and Engineering invites applications for a tenure track position at the Assistant Professor level. Candidates must have a Ph.D. or an earned Doctorate in Computer Engineering or a closely related field. We are particularly interested in candidates with strengths in embedded systems or signal processing. Other areas of computer engineering will also be considered. The position is primarily to support the B.S. in Computer Engineering. In addition, the school offers the degrees B.S. in Computer Science, B.S. in Bioinformatics, B.A. in Computer Systems, and M.S. in Computer Science. The candidate must display potential for excellence in teaching and scholarly work. The candidate is expected to supervise student research at both the undergraduate and graduate levels, and to actively participate in other types of academic student advising. The candidate will actively contribute to the School’s curriculum development. The candidate will serve the School, College and University, as well as the community and the profession. Women and underrepresented minorities are strongly encouraged to apply. For more information about the School of Computer Science and Engineering, please visit http://cse.csusb.edu. SALARY: Dependent on qualifications and experience. BENEFITS: Generous medical, dental, and vision benefits and support for moving expenses available. DEADLINE AND APPLICATION PROCESS: Applicants should submit a curriculum vitae, statement of teaching philosophy, description of research interest, an official copy of most recent transcripts, contact information for three references, and have three letters of recommendation sent separately. Review of applications will begin January 15, 2014, and will continue until the position is filled. The position will start in September 2014. Please send all materials to: Dr. Kerstin Voigt, Director, School of Computer Science and Engineering, California State University San Bernardino, 5500 University Parkway, San Bernardino, CA 92407. Email Address: kvoigt@csusb.edu.

DARTMOUTH COLLEGE, ASSISTANT PROFESSOR OF COMPUTER SCIENCE: COMPUTER GRAPHICS/DIGITAL ARTS. The Dartmouth College Department of Computer Science invites applications for a tenure-track faculty position at the level of assistant professor. We seek candidates who will be excellent researchers and teachers in the areas of computer graphics and/or digital arts, although outstanding candidates in any area will be considered. We particularly seek candidates who will be integral members of the Digital Arts program and help lead, initiate, and participate in collaborative research projects both within Computer Science and involving other Dartmouth researchers, including those in other Arts & Sciences departments, Dartmouth’s Geisel School of Medicine, and Thayer School of Engineering. The department is home to 17 tenured and tenure-track faculty members and two research faculty members. Research areas of the department encompass the areas of systems, security, vision, digital arts, algorithms, theory, robotics, and computational biology. The Computer Science department is in the School of Arts & Sciences, and it has strong Ph.D. and M.S. programs and outstanding undergraduate majors. Digital Arts at Dartmouth is an interdisciplinary program housed in the Computer Science department, working with several other departments, including Studio Art, Theater, and Film and Media Studies. The department is affiliated with Dartmouth’s M.D.-Ph.D. program and has strong collaborations with Dartmouth’s other

FACULTY POSITIONS IN COMPUTER SCIENCE

The Computer Science Program in the Computer, Electrical, and Mathematical Sciences and Engineering Division at King Abdullah University of Science and Technology (KAUST) invites applications for faculty positions at all ranks (Assistant, Associate, and Full Professors). KAUST is an international, graduate research university dedicated to advancing science and technology through interdisciplinary research, education, and innovation. Located on the shores of the Red Sea in Saudi Arabia, KAUST offers superb research facilities, and internationally competitive salaries. The university attracts top international faculty and students to conduct fundamental and goal-oriented research to address the world’s pressing scientific and technological challenges.

Areas of interest are:
- Artificial Intelligence
- Data Management and Big Data: Storing, indexing and querying very large datasets using large parallel and distributed computing systems; mining and knowledge extraction from very large data
- Large Scale Data Mining and Knowledge Extraction
- Parallel and Distributed Systems
- Visual Computing (including but not limited to Visualization and Physics-based simulation)
- Bioinformatics and all related subfields (e.g. Computational Genomics, Synthetic Biology, Biological Networks)
- High Performance Computing
- Operating Systems

Further information can be obtained by visiting http://apptrkr.com/399008

Applicants should have a proven track record, relevant PhD degree, as well as the ability to establish a high impact research program and demonstrate commitment to teaching at the graduate level.

How to Apply:
You will be required to complete a brief application form and upload a single PDF file including:
- Complete curriculum vitae with a list of publications
- Research plan
- Statement of teaching interests
- Names and contact information for at least three references for an Assistant Professor position
- List with the names and affiliation of potential referees for Associate Professor and Full Professor positions

Applications received by January 15, 2014 will receive full consideration and positions will remain open until filled.
The College of Engineering at the University of Miami (UM) invites applications and nominations for several tenure-track positions at all professorial levels and all departments. The College is seeking candidates with a strong record of scholarship with a focus on obtaining external funding, a demonstrated excellence in undergraduate and graduate teaching, interest in developing and implementing curricula that address multicultural issues, and a thoughtful commitment to university and professional service. For senior-level appointments, a proven record of extramural funding support is required. The College includes five academic departments, 850 undergraduates, 250 graduate students, and 80 dedicated faculty, who have garnered national and international awards including election to the National Academy of Engineering. Our current recruitment effort is focused on the areas: (1) integrated circuits and micro/nano electronics; (2) novel computer architectures, nanocomputing, mobile and embedded systems; (3) Robotics and (4) power electronics. At UM, collaboration is a hallmark of the faculty’s activities, including joint research with colleagues in the Miller School of Medicine, the Rosenstiel School of Marine and Atmospheric Science, the School of Architecture, the College of Arts and Sciences, the School of Business Administration, the Frost School of Music, the School of Communication, the School of Education, the School of Law and the School of Nursing and Health Sciences. A Ph.D. in engineering, science or a related discipline and one year work related experience is required prior to the appointment. Qualified applicants should mail (a) a letter of interest, (b) a resume and (c) at least three (3) letters of reference to: Dr. Shihab Asfour, Associate Dean for Academics College of Engineering, University of Miami 251 Memorial Drive, McArthur Engineering Bldg., Room 247 Coral Gables, FL 33146. sasfour@miami.edu

The University of Miami offers competitive salaries and a comprehensive benefits package including medical and dental benefits, tuition remission, paid holidays and much more. The University of Miami is an Equal Opportunity/Affirmative Action Employer.

JOIN THE INNOVATION.

Qatar Computing Research Institute seeks talented scientists and software engineers to join our team and conduct world-class applied research focused on tackling large-scale computing challenges.

We offer unique opportunities for a strong career spanning academic and applied research in the areas of Arabic language technologies including natural language processing, information retrieval and machine translation, distributed systems, data analytics, cyber security, social computing and computational science and engineering.

Scientist applicants must hold (or will hold at the time of hiring) a PhD degree, and should have a compelling track record of accomplishments and publications, strong academic excellence, effective communication and collaboration skills.

Software engineer applicants must hold a degree in computer science, computer engineering or related field; MSc or PhD degree is a plus.

We also welcome applications for post-doctoral researcher positions.

As a national research institute and proud member of Qatar Foundation, our research program offers a collaborative, multidisciplinary team environment endowed with a comprehensive support infrastructure.

Successful candidates will be offered a highly competitive compensation package including an attractive tax-free salary and additional benefits such as furnished accommodation, excellent medical insurance, generous annual paid leave, and more.

For full details about our vacancies and how to apply online please visit http://www.qcri.qa/join-us/
For queries, please email QFJobs@qf.org.qa

Qatar Computing Research Institute
Member of Qatar Foundation

The University of Miami offers competitive salaries and a comprehensive benefits package including medical and dental benefits, tuition remission, paid holidays and much more. The University of Miami is an Equal Opportunity/Affirmative Action Employer.
DARTMOUTH COLLEGE, ASSISTANT PROFESSOR OF COMPUTER SCIENCE: MACHINE LEARNING. The Dartmouth College Department of Computer Science invites applications for a tenure-track faculty position at the level of assistant professor. We seek candidates who will be excellent researchers and teachers in the area of machine learning, although outstanding candidates in any area will be considered. We particularly seek candidates who will help lead, initiate, and participate in collaborative research projects both within Computer Science and involving other Dartmouth researchers, including those in other Arts & Sciences departments, Dartmouth's Geisel School of Medicine, Thayer School of Engineering, and Tuck School of Business. The department is home to 17 tenured and tenure-track faculty members and two research faculty members. Research areas of the department encompass the areas of systems, security, vision, digital arts, algorithms, theory, robotics, and computational biology. The Computer Science department is in the School of Arts & Sciences, and it has strong Ph.D. and M.S. programs and outstanding undergraduate majors. The department is affiliated with Dartmouth's M.D.-Ph.D. program and has strong collaborations with Dartmouth's other schools. Dartmouth College, a member of the Ivy League, is located in Hanover, New Hampshire (on the Vermont border). Dartmouth has a beautiful, historic campus, located in a scenic area on the Connecticut River. Recreational opportunities abound in all four seasons. With an even distribution of male and female students and over one third of the undergraduate student population members of minority groups, Dartmouth is committed to diversity and encourages applications from women and minorities. To create an atmosphere supportive of research, Dartmouth offers new faculty members grants for research-related expenses, a quarter of sabbatical leave for each three academic years in residence, and flexible scheduling of teaching responsibilities. Applicants are invited to submit application materials via Interfolio at http://apply.interfolio.com/23502. Upload a CV, research statement, and teaching statement, and request at least four references to upload letters of recommendation, at least one of which should comment on teaching. Email face-search14@cs.dartmouth.edu with any questions. Application review will begin November 1, 2013, and continue until the position is filled.

DARTMOUTH COLLEGE, ASSISTANT PROFESSOR OF COMPUTER SCIENCE: THEORY/ALGORITHMS. The Dartmouth College Department of Computer Science invites applications for a tenure-track faculty position at the level of assistant professor. We seek candidates who will be excellent researchers and teachers in the area of theoretical computer science, including algorithms, although outstanding candidates in any area will be considered. We particularly seek candidates who will help lead, initiate, and participate in collaborative research projects both within Computer Science and involving other Dartmouth researchers, including those in other Arts & Sciences departments, Dartmouth's Geisel School of Medicine, Thayer School of Engineering, and Tuck School of Business. The department is home to 17 tenured and tenure-track faculty members and two research faculty members. Research areas of the department encompass the areas of systems, security, vision, digital arts, algorithms, theory, robotics, and computational biology. The Computer Science department is in the School of

Baylor University
Lecturer of Computer Science

The Department of Computer Science seeks a dedicated teacher and program advocate for a lecturer position beginning August, 2014. The ideal candidate will have a master's degree or Ph.D. in Computer Science or a related area, a commitment to undergraduate education, effective communication and organization skills, and industry/academic experience in game development, especially with graphics and/or engine development. For position details and application information please visit: http://www.baylor.edu/hr/index.php?id=81302

Baylor, the world's largest Baptist university, holds a Carnegie classification as a "high-research" institution. Baylor's mission is to educate men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community. Baylor is actively recruiting new faculty with a strong commitment to the classroom and an equally strong commitment to discovering new knowledge as Baylor aspires to become a top tier research university while reaffirming and deepening its distinctive Christian mission as described in Pro Futuris (http://www.baylor.edu/profuturis/).

Baylor is a Baptist university affiliated with the Baptist General Convention of Texas. As an AA/EEO employer, Baylor encourages minorities, women, veterans, and persons with disabilities to apply.

Jive Software Inc.
has an opportunity for a

Software Engineer

Req. #SEVO-CA • Palo Alto, CA

Work with other members of the engineering team on architecture, design and development of existing and new features.

Mail resume to Jive Software Inc. Attn: Kevin Lee, 325 Lytton Avenue, Suite 200, Palo Alto, CA 94301. Must reference Req. #SEVO-CA.
The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services.
**FLORIDA ATLANTIC UNIVERSITY** in Boca Raton, FL is seeking a Coordinator, Computer Applications to coordinate technical support and activities related to all supported oracle databases and accompanying applications in a Unix/Linux environment. Develops and implements specialized programs to supplement and enhance said databases and applications supported by the database group. Will assist in the installation of system software and third party application packages as well as Oracle based applications. Will provide technical assistance and advice to other personnel in the Computing Center in troubleshooting Oracle. Create Oracle instances, populate Oracle databases and fine-tune for optimal performance as needed. Write and maintain software procedures to support and augment system/application software covering the areas of Oracle, Blackboard, Data Warehousing, Operations Data Store, backup & restore and DR planning. Monitor systems and databases as needed. Apply application and database software patches as needed as well as maintaining Unix/Linux scripts/procedures and the installation of Unix/Linux based applications. Position requires Master’s Degree in Systems Engineering, Information Systems, Computer Science, Information Technology or a closely related field (foreign equivalent acceptable) or a Bachelor’s Degree and two years of experience. Position also requires a working knowledge of Oracle Database creation, maintenance and management; intermediate Unix/Linux skill; ability to write and modify scripts in Unix/Linux shells and PL/SQL; familiarity with Oracle Application Server configuration and operation; and understanding of Oracle critical patch management. To apply, please send your resume and cover letter to Mehran Basiratmand, Mehran@fau.edu. For additional information, please contact 561-297-0220.

**WASHINGTON UNIVERSITY IN ST. LOUIS, TENURE-TRACK POSITIONS.** The Department of Computer Science & Engineering at Washington University in St. Louis seeks outstanding tenure-track faculty in all areas of computer science and engineering at the Assistant Professor level. Exceptional candidates may be considered for appointment at the Associate or Full Professor level. The department has been growing and will continue to experience significant growth in the coming years. We seek multiple

**APPLIED MATERIALS**

**Applied Materials, Inc.** is accepting resumes for the following positions in Santa Clara/Sunnyvale, CA:

**Process Engineer (SVXZH):** Develops new or modified process formulations, defines process or handling equipment requirements and specifications, reviews process techniques and methods applied in the fabrication of integrated circuits.

**Process Engineer (SVCLE):** Develops new or modified process formulations, defines process or handling equipment requirements and specifications, reviews process techniques and methods applied in the fabrication of integrated circuits. Position may require travel to various unanticipated locations.

Please mail resumes with reference number to Applied Materials, Inc., 3225 Oakmead Village Drive, M/S 1217, Santa Clara, CA 95054. No phone calls please. Must be legally authorized to work in the U.S. without sponsorship. EOE.

www.appliedmaterials.com
talented and highly motivated individuals who will build transformative research programs, both through work in core disciplines of computer science and computer engineering and through interdisciplinary collaborations with researchers in areas such as biomedicine, engineering, and the sciences. Successful candidates must show exceptional promise for research leadership and a strong commitment to high-quality teaching. Candidates will be expected to publish their research in peer-reviewed conferences & journals, to teach, and to participate in department and University service. For full information about this search and application instructions, please visit: http://cse.wustl.edu/aboutthedepartment/Pages/OpenFacultyPositions.aspx. Applicants should hold a doctorate in Computer Science, Computer Engineering, or a closely related field. Washington University in St. Louis is an Equal Opportunity and Affirmative Action employer. Applications from women and under-represented minorities are especially encouraged. Employment eligibility verification required upon employment.

THE UNIVERSITY OF MINNESOTA – TWIN CITIES

invites applications for faculty positions in Electrical and Computer Engineering from individuals with strong expertise in (1) power and energy systems; (2) micro and nano devices and structures; and, in support of a University Initiative on Robotics, Sensors, and Manufacturing, (3) control and dynamical systems, robotics and automation, image processing and computer vision, and materials, devices and systems for novel sensing and actuation applications. Women and other underrepresented groups are especially encouraged to apply. An earned doctorate in an appropriate discipline is required. Rank and salary will be commensurate with qualifications and experience. Positions are open until filled, but for full consideration, apply at http://www.ece.umn.edu/ by December 15, 2013. The University of Minnesota is an equal opportunity employer and educator.

University of Illinois at Urbana-Champaign

Positions in Computing

The Department of Electrical and Computer Engineering (ECE) at the University of Illinois at Urbana-Champaign invites applications for faculty positions at all areas and levels in Computing, broadly defined, with particular emphasis on big data, including complex data analysis and decision making; scalable hardware and software systems; parallel, high-performance, and energy-efficient computing; reliable and secure computing; bioinformatics and systems biology; and networking and distributed computing, among other areas. From the transistor and the first computer implementation based on von Neumann’s architecture to the Blue Waters petascale computer – the fastest computer on any university campus, ECE Illinois faculty have always been at the forefront of computing research and innovation. Applications are encouraged from candidates whose research programs specialize in traditional, nontraditional, and interdisciplinary areas of electrical and computer engineering. The department is engaged in exciting new and expanding programs for research, education, and professional development, with strong ties to industry.

Qualified senior candidates may also be considered for tenured full Professor positions as part of the Grainger Engineering Breakthroughs Initiative (http://graingerinitiative.engineering.illinois.edu), which is backed by a $100-million gift from the Grainger Foundation to support research in big data and bioengineering, broadly defined. In addition, the University of Illinois is home to Blue Waters - one of the most powerful supercomputers in the world, supported by the National Science Foundation and developed and operated by the University of Illinois’ National Center for Supercomputing Applications. Qualified candidates may be hired as Blue Waters Professors who will be provided substantial allocations on and expedited access to the supercomputer. To be considered as a Blue Waters Professor, candidates need to mention Blue Waters as one of their preferred research areas in their online application, and include a reference to Blue Waters in their cover letter.

Please visit http://jobs.illinois.edu to view the complete position announcement and application instructions. Full consideration will be given to applications received by December 15, 2013.

Illinois is an AA-EOE. www.inclusiveillinois.illinois.edu

Baylor University

Assistant, Associate or Full Professor of Computer Science

The Department of Computer Science seeks a productive scholar and dedicated teacher for a tenured or tenure-track position beginning August, 2014. The ideal candidate will hold a terminal degree in Computer Science or a closely related field, demonstrate scholarly capability and an established and active independent research agenda in one of several core areas of interest, including, but not limited to, game design and development, software engineering, computational biology, informatics, machine learning and large-scale data mining. A successful candidate will also exhibit a passion for teaching and mentoring at the graduate and undergraduate level. For position details and application information please visit: http://www.baylor.edu/hr/index.php?id=81302

Baylor, the world’s largest Baptist university, holds a Carnegie classification as a “high-research” institution. Baylor’s mission is to educate men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community. Baylor is actively recruiting new faculty with a strong commitment to the classroom and an equally strong commitment to discovering new knowledge as Baylor aspires to become a top tier research university while reaffirming and deepening its distinctive Christian mission as described in Pro Futuris (http://www.baylor.edu/profuturis/).

Baylor is a Baptist university affiliated with the Baptist General Convention of Texas. As an AA/EEO employer, Baylor encourages minorities, women, veterans, and persons with disabilities to apply.
OPTIMIZATION ENGINEER. Form/ dev/apply mathematical optimization applications using mathematical optimization APIs & integer optimization modeling. PhD (Operations Research) required. Min. 1 yr. exp. w/ pos’n. applying mathematical optimization APIs required. Prior exp. must include integer optimization modeling. Lindo Systems, Inc., Chicago, IL. Resumes: Recruiting, PO Box 641152, Chicago, IL 60664.

AGENT SYSTEMS DEVELOPER. Miami, FL. Bachelor’s deg in Computer Science or related, 3 yrs of App Dvlpmt Exp for large IT systems req’d. Knwldg of Oracle ADF & APEX technologies req’d. Resp for dvlpmt, unit testing & integration of apps req’d for live customer support of TracFone’s customers. TracFone Wireless resumes only via email to: PMurphy@tracfone.com.

DATA STAGE DEVELOPER sought by GSPANN Technologies, Inc. in Milpitas, CA. Master’s in Electrical Engg. Translate reqmts into complete data warehouse & bus intelligence solution. Dsgn data model & define ETL & metadata repository approach for EDW, ODS & various DMs. Work closely w/ evolve models to meet new & changing bus. reqmts. Dvlp processes for capturing & maintaining metadata from all data warehousing components. Mail resumes to HR Mgr, 362 Fairview Way, Milpitas, CA 95035.

SERVICES ARCHITECT (Islandia, NY & loc throughout US). Impltnt IT work-load automation prods. Troubleshoot tech impltntn. Analyze clients infra-structure & assess & execute appropriate config. Reqs.: Bach’s deg or for equiv in CS, CIS, Math, Engg (any fid) or rel 5 yrs of prog exp in job off’d &/or a rel occup. Must have exp w/: IT Consulting, CMDB, Cohesion, Service Desk, ITPAM. Freq travel req. Work fr home benefit avail anywhere in US. Send resume to: Althea Wilson, CA Technologies, One CA Plaza, Islandia, NY 11749, Requisition #17501.

DIRECTOR, ALTERNATIVE CHANNELS. Miami, FL. Discover, implement, direct & coordinate all alternative prdct dist channels for TracFone’s Safelink prdcts. BSBA or rltd degree & min. 5 yrs progressively resp exp req’d. Knwldg of telecom regulatory process, state & federal legislative process, & high level biz strategy & operations req’d. TracFone Wireless resumes only via email to: PMurphy@tracfone.com.

Ooyala, Inc. has an opening in Mountain View, CA:

Senior Software Engineer

[Job # 6688.10]

Job Description includes: Develop, create, & modify general computer applications software or specialized utility programs.

Send resume to HR, 800 W. El Camino Real Suite #350, Mountain View, CA 94040 & reference Job # 6688.10.

Toshiba America Electronic Components, Inc. (TAEC) has the following job opportunities available in San Jose, CA:

ENGINEER R&D SR

(Job #2442)

Develop embedded firmware by implementing firmware features necessary to meet the product specification and customer requirements.

STAFF ENGINEER

(Job #2367)

Manage qualification of hard disk drives and solid state drives by major customers.

Apple has the following job opportunity in Cupertino, CA:

Engineer

[Req #3AQ1911]

Work cross functionally with Sys, SW & Vendor teams to enhance & optimize the sw performance.

Mail resumes to:

1 Infinite Loop M/S: 104-IGM
Attn: LJ
Cupertino, CA 95014.
Principals only. Must include Req# to be considered. EOE.

QUALITY ASSURANCE ANALYST II
to design & develop computer software test plans & scripts based on the business/functional requirements using Team Foundation Server, HP Quality Center, Numara Trackit & CA Unicenter Service Desk; Perform functional/regression testing for applications; Maintain test cases & test scripts using HP Quality Center; Create & execute automated test scripts using Mercury Quick Test Professional; Perform Microsoft BizTalk workflow testing; Document defects; Establish goals & process improvements to optimize software quality. Req: Bach- elor’s degree in Comp Science/Engineering or closely related field w/ 2 yrs of exp

QUALITY ASSURANCE ANALYST II
to design & develop computer software test plans & scripts based on the business/functional requirements using Team Foundation Server, HP Quality Center, Numara Trackit & CA Unicenter Service Desk; Perform functional/regression testing for applications; Maintain test cases & test scripts using HP Quality Center; Create & execute automated test scripts using Mercury Quick Test Professional; Perform Microsoft BizTalk workflow testing; Document defects; Establish goals & process improvements to optimize software quality. Req: Bach- elor’s degree in Comp Science/Engineering or closely related field w/ 2 yrs of exp
in job offered or as Programmer/Analyst or Testing Engineer. Job opportunity may be performed remotely from any location w/in US. Competitive salary. Send resume: Marty Lemasurier, Alere Health, LLC, 3200 Windy Hill Rd, Ste B100, Atlanta, GA 30339; Attn: Job AK.

QUALITY ASSURANCE MANAGER to establish goals & process improvements to optimize software quality; Lead team in design & dvlpmt. of test strategy; Develop automation test solutions using HP automation toolset including Mercury WinRunner; Create QA metrics report from software bug tracking systems including ClearQuest & FogBugz; Perform black box, functional & non-functional manual testing; Execute integration, load/stress & beta test plans. Req: Master’s degree in Comp Science or closely related field w/ 1 yr of exp in job offered or as Software QA Analyst or Software Engineer. Job opportunity may be performed remotely from any location w/ in US. Competitive salary. Send resume: Marty Lemasurier, Esq., Alere Health, LLC, 3200 Windy Hill Rd, Ste B100, Atlanta, GA 30339; Attn: Job MS.

Apple has the following job opportunities in Cupertino, CA:

**Technical Program Specialist [Req # 9ATV2K]**
Establish manufacturing process for new products and identify manuf. challenges involved in launch. Travel req’d 30%.

**Software Development Engineer [Req #98VUZ6]**
Qualify latest cellular products and test the telephony functionality.

**ASIC Design Verification Engineer [Req # 999TLX]**
Dvlp test plans/environments. Design mobile chip for Apple mobile devices.

**ASIC Design Engineer [Req # 999SYA]**
Resp. for all aspects of physical design/implementation of integrated chipsets, other ASICs.

Mail resumes to 1 Infinite Loop M/S: 104-1GM, Attn: S.A., Cupertino, CA 95014.
Principals only. Must include Req# to be considered. EOE.
Apple has the following job opportunities in Cupertino, CA:

Integration Development Engineer [Req #3IS1919] Design & develop ASIC HW for Apple products.

Systems Design Engineer [Req #3IT0119] Evaluate the latest iPad, iPhone HW systems in the field. Employer-reimbursed travel req’d.

Software Engineer [Req #3SX1925] Responsible for SW development on baseband protocol software.

Technical Program Manager [Req #3JO0423] Develop &/or qualify new fixtures, machines, lines, & automated processes. Employer reimbursed travel req’d.

iOS Cellular Sys Triage Engineer [Req #3SI0112] Diagnose protocol issues in lab testing, debug hundreds of issues reported from certification test, IOT and field tests.

Product Design Engineer [Req #3H81919] Conceive, design & produce exciting new products. Employer-reimbursed travel req’d.

Release Eng’g Manager [Req #3SQ1913] Coordinate, plan, & technical support for activities surrounding the dvlpmt & deployment of projects for www.apple.com. Direct Reports. Employer-reimbursed travel req’d.

Sr. SW Engineer [Req #3SM2516] Develop SW & processes to support global delivery of iOS sys SW.

Graphics Designer [Req #3SP0113] Drive web-standard (HTML5) innovation that enhances & enlivens the marketing of Apple’s products & services to millions of consumers.

Sr. Plat/Integration Engineer [Req #3SR1011] Develop, implement, & maintain EAI, B2B & J2EE application sys.

Lead Acoustic Design Engineer [Req #3MZ0105] Acoustic design of microphone & headphone sys including transducer integration & sys tuning.

NAND HW Dvlpmt Engineer [Req #3SC1615] Manage NAND logistics for eng’g builds & work with cross-functional teams on system level NAND testing. Employer-reimbursed travel req’d.

ASIC Design Engineer [Req #3OA0313] Design, develop & verify Application Specific Integrated Circuits (ASICs).

SW QA Engineer [Req #3OB1811] Debug SW products through the use of systematic tests to develop, apply & maintain quality standards for company products.

RF Desense Engineer [Req #3OK2016] Perform RF system-level validation of consumer electronics products. Employer reimbursed travel required.

SW Engineer [Req #3AV1816] Write SW code based on functional specification & technical design, adhering to dvlpmt techniques & standards. Employer-reimbursed travel req’d.

Mail resumes to 1 Infinite Loop M/S: 104-1GM, Attn: LJ, Cupertino, CA 95014. Principals only. Must include Req# to be considered. EOE.
Apple has the following job opportunities in Cupertino, CA:

**SW Dvlpmt Engineer [Req #3AX0422]** Implement conformant iOS (operating system) OpenGL ES library & improve & maintain OpenGL ES helper framework, GLKit.

**SW Eng’g Program Manager [Req #30J1002]** Manage & lead a team of Eng’g Project Mgrs that perform highly technical project management for Apple’s Opr Sys. May have direct reports.

**SW Eng, OS X System Apps [Req #3MM0401]** Design & implement new features related to operating system X components.

**SW Engineer [Req #30J1807]** Design and develop SW to support existing & new iCloud features.

**Individual Contributor Tech 2 (ICT2) [Req #3MX0704]** Analyze & troubleshoot assigned technical bug reports to determine their cause, reproducibility & severity.

**SW Dvlpmt Engineer [Req #3MM0101]** Design & develop highly scalable, low latency data platforms & apps using Java on linux.

**SW Animation Engineer [Req #30J0103]** Design Keynote Widget in Apple iBooks & prepare animations & animation infrastructure as member of the Keynote Animation Team.

**Infrastructure Design Lead [Req #30J0707]** Serve as the primary technical architecture & design resource for Apple’s global telephony projects, setting priorities & measurable objectives, & monitoring & reporting on the process, progress & results. Employer-reimbursed travel req’d.

**Electronic Design Engineer [Req #3MP0803]** Design, develop & validate electronic subsystems for consumer portable computers. Employer-reimbursed travel req’d.

**Senior RF System Engineer [3ON2426]** Responsible for the Radio Frequency (RF) parametric qualification, evaluation, and adherence to carrier and industry standard requirements of Wireless technologies such as WiFi.

**Sr SW Engineer [Req #30QI911]** Design, develop & deliver scalable SW applications & sys.

**SW Engineer [Req #30Q0613]** Design & develop SW for automated test infrastructures, web interfaces, & tools for evaluating quality of media.

**SW QA Engineer [Req #3JQ0422]** Focus on the intr’nl aspects of iOS native apps & services on iPhone & iPad devices.

**Business Planning Manager [Req. #3AW0708]** Lead quarterly sales budgeting process.

Mail resumes to 1 Infinite Loop M/S: 104-1GM, Attn: LJ, Cupertino, CA 95014. Principals only. Must include Req# to be considered. EOE.
Our theme this year is Meeting Real World Challenges through Software Technology. As technologists and as citizens, we are faced with myriad challenges from defending national security, to ensuring the robustness of our critical infrastructure, to sustaining and enhancing large portfolios of legacy systems—all within ever tighter resource constraints. We invite you to connect with your colleagues and share your ideas, success stories, and lessons learned in applying software technology to meet our common challenges, by submitting an abstract for consideration as one of our conference session or tutorial speakers.

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COOL Chips XVII

Yokohama Joho Bunka Center, Yokohama, Japan
(Yokohama Media & Communications Center, Yokohama, Japan)

April 14 - 16, 2014

CALL FOR CONTRIBUTIONS

COOL Chips is an International Symposium initiated in 1998 to present advancement of low-power and high-speed chips. The symposium covers leading-edge technologies in all areas of microprocessors and their applications. The COOL Chips XVII is to be held in Yokohama on April 14-16, 2014, and is targeted at the architecture, design and implementation of chips with special emphasis on the areas listed below. All papers will be published online via IEEE Xplore. Authors of best papers will be recommended to submit an extended version to a COOL Chips special issue of IEEE Micro.

Contributions are solicited in the following areas:

- Novel Architectures and Schemes for - Single Core, Multi/Many-Core, NoC, Embedded Systems, Reconfigurable Computing, Grid, Ubiquitous, Dependable Computing, GALS and 3D Integration
- Cool Software including - Parallel Schedulers, Embedded Real-time Operating System, Binary Translations, Compiler Issues and Low Power Techniques.

Proposals should consist of a title, an extended abstract (up to 3 pages) describing the product or topic to be presented and the name, job title, address, phone number, FAX number, and e-mail address of the presenter. The status of the product or topic should precisely be described. If this is a not-yet-announced product, and you would like to keep the submission confidential, please indicate it. We will do our best to maintain confidentiality. Proposals will be selected by the program committee's evaluation of interest to the audience. Submission should be made by e-mail, (Author’s kit can be obtained from http://www.coolchips.org/)
to: M. Ikeda, Program Chair  e-mail: submit_xvii@coolchips.org
Author Schedule: February 4, 2014  Extended Abstract Submission (by e-mail)
March 12, 2014  Acceptance Notified (by e-mail)
March 28, 2014  Final Manuscript Submission
You are also invited to submit proposals for poster sessions by e-mail,
to: K. Hashimoto, Poster Chair  e-mail: poster_xvii@coolchips.org
Author Schedule: March 17, 2014  Poster Abstract Submission (by e-mail)
March 25, 2014  Poster Acceptance Notified (by e-mail)
For more information, please visit <http://www.coolchips.org/>
For any questions, please contact the Secretariat <cool_xvii@coolchips.org>

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(As of September 26, 2013)