Auburn University
Department of Computer Science and Software Engineering
Multiple Faculty Positions

The Department of Computer Science and Software Engineering (CSSE), situated within the Samuel Ginn College of Engineering, invites applications for multiple tenure-track faculty positions to begin in Fall 2017. Candidates at the Assistant Professor level will be given preference, however outstanding candidates at the Associate and Full Professor levels will also be considered. Salary will be commensurate with the candidate's qualifications. Responsibilities include research, graduate student supervision, graduate and undergraduate teaching, and service. The Ph.D. degree in computer science, software engineering or a closely related field must be completed by the start of appointment. Excellent communication skills are required.

Those whose research expertise can connect with other disciplines of science, engineering and liberal arts will be given special consideration. CSSE Department actively encourages interdisciplinary research and multi-area teaching by its faculty in support of the departmental missions of research, teaching and outreach.

While we encourage candidates from all areas of computer science and software engineering to apply, we are especially interested in candidates specializing in artificial intelligence, bioinformatics, cyberinfrastructure, data science and engineering, distributed systems, high performance computing, machine learning, parallel processing, privacy, programming languages, security, and software engineering.

One position is part of the Auburn University multidisciplinary Cluster Hires Initiative in the cluster of Omics and Informatics (O&I). The O&I Cluster cuts across agriculture, engineering, pharmacy, science and veterinary medicine. We are looking for a researcher specializing in big data (analytics, learning, mining, visualization, etc.) or informatics with the potential to collaborate with researchers from the areas represented in the cluster. The successful candidate will complement the university's considerable existing expertise in these areas to form the core of this innovative multidisciplinary initiative. Participation in cluster activities will be an important component of faculty annual reviews.

The Department currently has 17 full-time tenure-track faculty members and supports strong graduate (M.S. and Ph.D.) and undergraduate programs in computer science, software engineering and wireless engineering. Enrollment for Fall 2016 is 765 undergraduate and 142 graduate students. Faculty research areas include artificial intelligence, computer architecture, computer science education, database systems, energy-efficient systems, high performance computing, human-computer interaction, internet of things, machine learning, modeling and simulation, multi-agent systems, networks, security, software engineering, software visualization and wireless engineering. Further information may be found at the Department's home page (http://www.eng.auburn.edu/csse).
The Department is home to the Auburn Cyber Research Center (www.cyber.auburn.edu), and is affiliated with the newly established McCrary Institute for Critical Infrastructure Protection and Cyber Systems (www.mccrary.auburn.edu). Both offer opportunities for new faculty to engage in jointly funded interdisciplinary research and development.

Auburn University is one of the nation's premier land, sea, and space grant institutions. Auburn is both highly research-active and committed to maintaining teaching excellence, offering Bachelor's, First Professional, Master's, Educational Specialist, and Doctoral degrees. In a recent U.S. News and World Report ratings of undergraduate, graduate and online programs, Auburn was ranked 31st, 39th, and 17th among public universities, respectively. Its 2015 enrollment of 27,287 students includes 21,694 undergraduates and 4,204 graduate students. There are 1,216 full-time instructional faculty members distributed across nine Colleges and three Schools, with degrees offered in more than 200 academic programs. The College of Engineering has an enrollment of 4,963 undergraduates and 899 graduate students in eight departments.

Auburn is located 100 miles southwest of Atlanta and 50 miles northeast of Montgomery, the State Capital. The picturesque main campus covers 1,875 acres, and includes the entire southwest quadrant of the city of Auburn. The Auburn-Opelika community has a population of about 100,000, an excellent public school system, and has been nationally ranked as one of the "best small towns in America."

Applicants should submit a cover letter, curriculum vita, research vision, teaching philosophy, and three references to: http://aufacultypositions.peopleadmin.com/postings/1894. Candidates interested in the O&I Cluster position must explicitly indicate their interest in the cover letter. Application review process will begin October 1, 2016 and continue until successful candidates are identified. Selected candidates must be able to meet eligibility requirements to work legally in the United States at the time of appointment for the proposed term of employment.

Auburn University is an EEO/Vet/Disability Employer.