

# **Auburn University**

## **Department of Computer Science and Software Engineering**

### **Multiple Faculty Positions in Cybersecurity**

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 2018 or later. We seek candidates at the Assistant Professor level, 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. A 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.

We are interested in candidates specializing in all areas related to security, such as *AI/machine learning applications to security, blockchain, cryptocurrency, cyberidentity, cyberinfrastructure and critical infrastructure protection, digital forensics, reverse engineering, secure cloud, mobile systems, networks and operating systems, secure software engineering, and securing the Internet of Things*. Those whose research expertise can connect with other disciplines of science and engineering will be given special consideration.

CSSE is home to the Auburn Cyber Research Center (<http://cyber.auburn.edu>), and is affiliated with the McCrary Institute for Critical Infrastructure Protection and Cyber Systems (<http://mccrary.auburn.edu>). The successful candidates will be associated with both of these organizations. The department currently has 21 full-time tenure-track faculty members and supports strong undergraduate and graduate (M.S. and Ph.D., with a new M.S. in Cybersecurity Engineering projected to start in Fall 2018) programs. Student enrollment for Fall 2017 is 915 undergraduate and 169 graduate students. Faculty research areas include artificial intelligence, architecture, computational biology, computer science education, data science, energy-efficient systems, human-computer interaction, Internet of Things, learning science, machine learning, modeling and simulation, multi-agent systems, networks, security, software engineering and wireless engineering. Further information may be found at the Department's home page <http://www.eng.auburn.edu/csse>.

Established in 1856, Auburn University is one of the nation's premier public land-grant institutions. It is ranked 46th among public universities in the U.S. News and World Report 2018 Best Colleges Rankings. Auburn maintains high levels of research activity and high standards for teaching excellence, offering Bachelor's, Master's, Educational Specialist, and Doctorate degrees in agriculture, engineering, and the arts and sciences. Its 2017 enrollment of 29,776 students includes 23,964 undergraduates and 5,812 graduate and professional students. Organized into twelve academic colleges and schools, Auburn's 1,450 faculty members offer more than 200 educational programs. Auburn University is nationally recognized for its commitment to academic excellence, a positive work environment, student engagement, and its beautiful campus.

Auburn residents enjoy a thriving community, recognized as one of the “best small towns in America,” with moderate climate as well as easy access to major cities, beaches and mountain recreational facilities. Auburn is located on the rapidly developing I-85 corridor between Atlanta, GA, and Montgomery, AL. The Auburn City school system is ranked as one of the top school systems in the nation and the state. A nationally recognized hospital, East Alabama Medical Center, is located close by in Opelika. The Auburn-Opelika metropolitan area has a population of over 150,000.

Applicants should submit a cover letter, curriculum vita, research vision, teaching philosophy, and the names of three to five references at <http://aufacultypositions.peopleadmin.com/postings/2460>. There is no application deadline. The application review process will begin November 1, 2017 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.

In support of its strategic plan, Auburn University maintains a strong commitment to diversity with standards to help ensure faculty, staff, and student diversity through recruitment and retention efforts. Auburn University is an EEO/Vet/Disability Employer.