Auburn University
Department of Computer Science and Software Engineering
Auburn Cyber Research Center
Postdoctoral Position

The Department of Computer Science and Software Engineering (CSSE), situated within the Samuel Ginn College of Engineering, invites applications for a postdoctoral researcher in Cyberinfrastructure, Security, and Critical Infrastructure Protection to begin in Spring or Summer of 2017. Salary will be commensurate with the candidate's qualifications. Responsibilities include research, graduate student co-supervision, teaching of one course in the applicant's specialty area, and offering one course in the core CSSE curriculum. The Ph.D. degree must be completed by the start of appointment. Excellent communication skills are required. The position is for one year, renewable up to two additional years based on performance and availability of funds.

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, learning science, 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 (www.eng.auburn.edu/csse).

The Department is home to the Auburn Cyber Research Center (cyber.auburn.edu), and is affiliated with the newly established McCrary Institute for Critical Infrastructure Protection and Cyber Systems (mccrary.auburn.edu). The postdoctoral candidate will be associated with both of these organizations, which will jointly fund the position.

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. It enrolls more than 28,000 students and employs 1,216 full-time 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 University is also one of 14 universities nationwide currently recognized for all three cyber designations by the Federal government: as a Center of Academic Excellence in Cyber Security by the Department of Homeland Security (DHS) and National Security Agency (NSA)

for Cyber Defense Education (CAE-CD) and Cyber Defense Research (CAE-R), as well as by NSA for Cyber Operations (CAE-Ops).

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/1915. 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.