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

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. We seek candidates at the Assistant Professor level, however outstanding candidates at a senior level 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 big data, data analytics, data engineering, data mining, data science and very large databases; for example, audio, graph, text or video data mining, tools and techniques for massive data storage, querying and analysis to solve real-world problems in vision, natural language understanding, anomaly detection, trend prediction, etc. Those whose research expertise can connect with other disciplines of engineering, health, liberal arts or science will be given special consideration. CSSE encourages interdisciplinary research. The department plans to offer a new joint (with the Department of Mathematics and Statistics) M.S. degree in Data Science & Engineering in fall 2019. Successful candidates will be expected to play an active role in this program as well as develop a nationally recognized and extramurally funded research program in Data Science & Engineering.

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 department currently has 21 full-time tenure-track and six teaching-track faculty members, who support strong undergraduate and graduate programs (M.S. in CSSE, M.S. in Cybersecurity Engineering and Ph.D. in CSSE). Current student enrollment is over 1100 undergraduate and 175 graduate students. Faculty research areas include artificial intelligence, architecture, computational biology, computer science education, cybersecurity, data science, energy-efficient systems, human-computer interaction, Internet of Things, learning science, machine learning, modeling and simulation, multi-agent systems, networks, software engineering and wireless engineering. Further information may be found at the department's home page http://www.eng.auburn.edu/csse.

Auburn University is one of the nation's premier public land-grant institutions. It is ranked 52nd among public universities by U.S. News and World Report. Auburn maintains high levels of research activity and high standards for teaching excellence, offering Bachelor's, Master's, Educational Specialist, and Doctor's degrees in agriculture and engineering, the professions, and the arts and sciences. Its 2018 enrollment of 30,440 students includes 24,628 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. The university is

nationally recognized for its commitment to academic excellence, its positive work environment, its 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 and easy access to major cities or to beach and mountain recreational facilities. Situated along the rapidly developing I-85 corridor between Atlanta, Georgia, and Montgomery, Alabama, the combined Auburn-Opelika-Columbus statistical area has a population of over 500,000, with excellent public school systems and regional medical centers.

Applicants should submit a cover letter, curriculum vita, research vision, teaching philosophy, and names of three to five references at http://aufacultypositions.peopleadmin.com/postings/3222. There is no application deadline. The application review process will begin December 1 2018 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 Affirmative Action/Equal Opportunity Employer. It is our policy to provide equal employment opportunities for all individuals without regard to race, sex, religion, color, national origin, age, disability, protected veteran status, genetic information, sexual orientation, gender identity, or any other classification protected by applicable law.