Assistant or Associate Professor, Iowa State University

Ames, IA

The Software Engineering Program, jointly administered by the Departments of Electrical and Computer Engineering (ECpE) and Computer Science (CompSci) at Iowa State University, Ames, IA, invites applications for the position of Assistant or Associate Professor.

Responsibilities will include undergraduate and graduate education (primary focus on software engineering, particularly as it relates to cyber-security or large scale data analysis); mentoring and engaging undergraduate, as well as prospective students; developing and sustaining externally-funded research; graduate student supervision and mentoring; and professional and institutional service.

The successful candidate will sustain their own research program and complement the current research and educational efforts in the ECpE department through interdisciplinary collaboration. Successful candidates will teach courses at both the undergraduate and graduate levels, advise both graduate and undergraduate students, generate a scholarly publication record, and participate in technical committees and outreach activities. Candidates should have strong communication skills and contribute to the mission of the ECpE department.

The tenure home will be in Electrical and Computer Engineering, with the possibility of a joint appointment between ECpE and CompSci.

**Required Education and Experience**

- An earned Ph.D. or equivalent degree in Software Engineering, Computer Science, Computer Engineering, or a closely related field on or before the hire date.
- Demonstrated potential to excel in the classroom and to establish and maintain a productive externally funded research program.
- Demonstrated interest to pursue interdisciplinary research.
- Associate Professor candidates will, in addition to the above, demonstrate an excellent record of funded research and recognized scholarship.

**Preferred Education and Experience**

- University-level teaching at the undergraduate and graduate levels.
- Experience supervising research of graduate students and undergraduates.
- Education/Experience focused on large scale data analysis or cyber-security.

**Required Licensure(s)/Certification(s)**

The Department of Electrical and Computer Engineering and the Department of Computer Science have strong graduate programs. Almost all Ph.D. students are supported by research or teaching assistantships. These well-funded research programs provide an excellent academic environment in which to work and make career progress. In addition, the cutting-edge research and educational activities are nurtured through interdisciplinary interactions facilitated by the Laurence H. Baker Center for Bioinformatics and Biological Statistics; the Center for Computational Intelligence,
Learning and Discovery; the Center for Integrative Animal Genomics; the Cyber Innovation Institute; the Information Assurance Center; the Virtual Reality Applications Center; the Center for Nondestructive Evaluation; and the U.S. Department of Energy’s Ames Laboratory, all of which are located on the Iowa State University campus.

About Iowa State University and the Ames Community

Iowa State University is classified as a Carnegie Foundation Doctoral/Research University-Extensive, a member of the Association of American Universities (AAU), and ranked by U.S. News and World Report as one of the top public universities in the nation. Over 34,000 students are enrolled, and served by over 6,100 faculty and staff (see www.iastate.edu). Ames, Iowa is a progressive community of 60,000, located approximately 30 minutes north of Des Moines, and recently voted second best most livable small city in the nation (see www.amescvb.com).

Iowa State University is an equal opportunity employer committed to excellence through diversity and strongly encourages applications from all qualified applicants, including women, underrepresented minorities, and veterans. ISU is responsive to the needs of dual career couples, is dedicated to work-life balance through an array of policies, and is an NSF ADVANCE institution.

All faculty members are expected to exhibit and convey good citizenship within the program, the department, college, and university activities and collegial interactions, and maintain the highest standards of integrity and ethical behavior.

https://www.statsjobs.com/jobs/assistant-or-associate-professor-iowa-state-university/