The University of Iowa  
Computer Science Department  
Assistant Professor Positions, Fall 2016

The Computer Science Department invites applications for multiple tenure-track faculty at the level of assistant professor starting in August 2016.

Several positions are part of an institution-wide initiative in informatics. Of particular interest are candidates with scholarly interests in either formal or application-oriented aspects of security, privacy and/or anonymity, (e.g., the design, analysis and verification of secure protocols, formal methods and tools for security analysis, security for safety-critical applications, medical device security and/or real-time system security), and text analytics (e.g., natural language processing, computational linguistics, probabilistic and statistical text models, text and web mining frameworks, and algorithms for large scale heterogeneous and noisy text data), although we also welcome applications from collaboration-minded scholars in other application-oriented areas of informatics (e.g., data analytics, systems software, machine learning, theory and algorithms, embedded systems, networks and smart sensors, computer graphics and visualization).

Another position is part of a campus-wide interdisciplinary initiative in public digital arts. We seek candidates with scholarly interests at the intersection of the arts and technology, e.g., in visualization, real-time animation, interactive graphics, human-computer interaction, computer-mediated communication, social computing, mobile or ubiquitous computing, tools for making and re-purposing digital artifacts, maker culture, multi-agent interactive systems, or related areas. Experience with applications in areas such as transmedia, interactive narratives, social, health, mobile, or educational games is also desirable.

For all positions, responsibilities include conducting externally funded research in the candidate’s area of expertise, teaching undergraduate and graduate computer science and/or informatics courses, supervising graduate student research, and making service contributions to the Department, the College, the University, and the discipline. The successful candidates will also join their respective cluster initiatives and will work closely with existing faculty and staff who form the core of these ambitious programs to foster creativity and interdisciplinary collaboration. Participation in their cluster initiatives (i.e., informatics and public digital arts) will be an important component of faculty performance evaluations.

Applications should contain a CV, a research and teaching statement, and three letters of recommendation. For additional information and to apply online, visit http://www.cs.uiowa.edu/hiring/. Applications received by January 1, 2016, are assured of full consideration.

Required Qualifications: Candidates must hold a PhD in computer science, informatics, or a closely related discipline at time of appointment. Appointments will be made within the Computer Science Department, which offers BA, BS, MCS, and PhD degrees in computer science, and BA and BS degrees in Informatics.

Desirable Qualifications: Demonstrated interest in solving interdisciplinary problems, the ability to work with interdisciplinary teams, and prior teaching experience.

About Iowa: With just over 30,000 students, the University of Iowa is one of the nation's top public research universities, a member of the Big Ten conference since 1899, and an Association of American Universities member since 1909. The University is known for its balanced commitment to the arts, sciences, and humanities. Located in Iowa City, an urbanized area of 100,000 people that is widely recognized as one of the country's most livable communities, the University offers over 200 majors and an annual externally funded research budget of over $500M.

The Department of Computer Science and the College of Liberal Arts and Sciences are strongly committed to diversity; the strategic plans of the University and College reflect this commitment. All qualified applicants are encouraged to apply and will receive consideration for employment free from discrimination on the basis of race, creed, color, national origin, age, sex, pregnancy, sexual orientation, gender identity, genetic information, religion, associational preference, status as a qualified individual with a disability, or status as a protected veteran. The University of Iowa is an equal opportunity / affirmative action employer.