The University of Iowa Department of Computer Science

Assistant Professor Positions, Fall 2018

The University of Iowa Computer Science Department invites applications for three tenure-track faculty at the level of assistant professor starting in August 2018. The Department offers the BA, BS, MCS, and PhD degrees in Computer Science, the BA and BS degrees in Informatics and the BSE degree in Computer Science & Engineering.

Two of the positions are in the systems area (e.g., operating systems, parallel and distributed systems, computer architecture, embedded systems, networking and/or security). The first position focuses on security and privacy for networks, cyber-physical systems, and infrastructure (e.g., IoT, medical devices, safety-critical systems, cryptographic protocols and block chain applications, privacy-preserving systems and computations, usable privacy and security, etc.), while the second position is open to any field within the systems area. The third position is in text analytics (e.g., text and web mining frameworks, social media analytics, algorithms for large scale heterogeneous and noisy text data, text analytics in specific domains such as biomedicine, etc.), although we also welcome applications from collaboration-minded scholars in related application-oriented areas of informatics (e.g., data analytics, systems software, machine learning, theory and algorithms, embedded systems, networks and smart sensors, computer graphics, visualization, etc.). At least two of the three positions will be part of an institution-wide initiative in informatics.

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. Successful candidates ultimately affiliated with the University-wide multidisciplinary informatics cluster initiative will work closely with existing informatics faculty and staff to foster creativity and interdisciplinary collaboration: note that interdisciplinary collaborations are an important component of all faculty performance evaluations, even for those faculty not affiliated with any specific institutional cluster.

Applications should include a CV, a research and teaching statement, and contact information for three references (letters will be solicited by the Department). For additional information and to apply online, visit http://www.cs.uiowa.edu/hiring/. Applications received by January 1, 2018 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. Research interests must align with those described herein.

Desirable Qualifications: Prior record of scholarly publication in leading venues, demonstrated interest in interdisciplinary problems, and/or 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 120,000 people that is widely recognized as one of the country’s most livable communities, the University offers over 200 majors and has an annual externally funded research budget of over $500M.

The University of Iowa is an equal opportunity/affirmative action employer. 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.