

Tenure-track Faculty, Instructional-track Faculty and Postdoctoral Positions, Fall 2019

The University of Iowa Computer Science Department invites applications for two tenure-track and one instructional-track faculty positions, effective August 2019. Both tenure-track positions are at the level of assistant professor; the instructional-track position may be at either the lecturer or associate professor of instruction level. Postdoctoral research positions are also available within specific research groups. The Department offers the BA, BS, MCS, and PhD degrees in Computer Science, the BA and BS degrees in Informatics, the BSE degree in Computer Science & Engineering (jointly with the Department of Electrical Engineering) and the BS degree in Data Science (jointly with the Department of Statistics). We are seeking creative and collaborative scholars open to working in a highly collegial and multidisciplinary environment.

Tenure-track positions: The first position is in the **systems** area (*e.g.*, cyber-physical systems, embedded systems, operating systems, system security, distributed and high-performance systems, IoT, medical devices, safety-critical systems, data-intensive systems, cloud computing, cyber-human systems, etc.), while the second position lies at the intersection of **systems** and **programming languages** (*e.g.*, programming language design, compilers, verification for reliability or security, memory safety, concurrency, program analysis, secure compilation, the analysis of legacy systems, etc.). Candidates must hold a PhD in computer science or a closely related discipline at time of appointment; research interests must align with these areas. Prior record of scholarly publication in leading venues and/or prior teaching experience are desirable. Responsibilities include conducting cutting-edge 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.

Instructional-track positions: We seek faculty with interests from across the spectrum of computer science and informatics (*e.g.*, data analytics, systems software, machine learning, theory and algorithms, embedded systems, networks and smart sensors, HCI, computer graphics, visualization, etc.). Candidates must hold a PhD in computer science, informatics, or a closely related discipline at time of appointment. Prior teaching experience is required for appointment as a lecturer; at least five years of teaching experience is required for appointment as an Associate Professor of Instruction. Responsibilities include contributing to the Department's multidimensional educational mission, teaching undergraduate and graduate computer science and/or informatics courses, and making service contributions to the Department, the College, the University, and the discipline.

Postdoctoral research positions: Postdoctoral research positions are available in several of the Department's many externally funded research groups. Responsibilities include conducting original research related to the grant's goals and specific aims. Details on specific positions can be found on the Department's recruiting website.

How to Apply: Successful candidates must demonstrate potential for research and/or teaching excellence in the environment of a major research university. 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/>. Tenure- and instructional-track faculty applications received by January 1, 2019 are assured of full consideration; postdoctoral applicants will be considered on a rolling basis.

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 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.