

Tenure-Track Faculty Position in Data Analytics, Machine Learning, Artificial Intelligence

Building on our strengths in Engineering with artificial intelligence and data science, the College of Engineering at the University of Iowa invites applications for a tenure-track faculty position in data analytics, machine learning, artificial intelligence, or related areas in either the department of Electrical and Computer Engineering or Industrial and Systems Engineering to begin in the Fall of 2022. Candidates advancing any area related to data analytics, machine learning, or artificial intelligence will be considered, including the advancement of theory, the development of methods, or the applications of these technologies. The rank of assistant professor is targeted, but all ranks will be considered.

Successful candidates will:

- have a PhD in Electrical & Computer Engineering, Industrial Engineering, Computer Science, or related fields,
- be committed to fostering an inclusive climate that values and engages diversity in its many forms, and
- be committed to teaching at both the undergraduate and graduate levels, including introductory undergraduate software engineering courses.

The University of Iowa offers an exceptional environment for interdisciplinary collaboration through numerous nationally recognized centers and institutes including the Holden Comprehensive Cancer Center, the National Advanced Driving Simulator, the Iowa Institute for Biomedical Imaging, the Institute for Clinical and Translational Science, the Iowa Initiative for Artificial Intelligence, IIHR – Hydrosience and Engineering, the Center for Bioinformatics and Computational Biology, the Heartland Center for Occupational Health and Safety, Iowa Injury Prevention Center, the Public Policy Center, and many others. These organizations support active and productive collaborations among researchers in the College of Engineering, the Carver College of Medicine, the College of Public Health, the Tippie College of Business, and beyond. We are particularly interested in applicants whose research align with current research thrusts on campus, including healthcare, neuroscience, climate science, genomics, hydrosience, computational simulations, smart manufacturing, and automated driving. The successful candidate will contribute to a thriving multidisciplinary research community.

The University of Iowa understands the link between diversity, equity and inclusion (DEI) and excellence in education. We are proud to be the first public institution that admitted both men and women regardless of race (since our founding in 1847), and the first to extend benefits to employees' domestic partners (in 1992). We embrace our shared responsibility to create a welcoming and inclusive campus culture so that all community members can unlock their own potential. Faculty in the College of Engineering contribute to DEI by designing curricula, research programs, and engagement opportunities that challenge the status quo, cultivate empathy, seek out diverse perspectives, and value global citizenship. Within the application, candidates are asked to submit a DEI statement describing their past, current, and/or future contributions to diversity, equity, and inclusion. As part of this statement, candidates can describe how their research, teaching, mentoring and/or professional service activities have (or will) advance DEI and promote social justice. To learn more about the University of Iowa's commitment to diversity, equity, and inclusion, visit <https://diversity.uiowa.edu/>.

The College is committed to recruiting and retaining talented and diverse faculty and staff, which includes providing dual-career resources and opportunities for employees to “Build a Career *and* Build a Life” in the Iowa City area. The University offers several benefits to support faculty and their families in achieving a healthy work/life balance. For more information, please visit this link:

<https://worklife.uiowa.edu>.

Preliminary inquiries for additional information are encouraged. Review of applications will begin on October 1, 2021; however, applications will be accepted until the position is filled. A detailed description of the position, qualifications, and the application process can be found at: <http://jobs.uiowa.edu/> under the faculty section, searching requisition #74262.

Note to applicants: Candidates must submit a letter of interest, a curriculum vitae, a teaching statement, a research statement, a commitment to diversity statement, and names and addresses of three references. An application that does not include all of these required elements will be considered incomplete. Please address all required and desirable qualifications in your application materials.

Further inquiries regarding this position can be sent to the attention of Tom Casavant and Yong Chen, Search Committee Co-Chairs via: enr-hr@uiowa.edu.

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, religion, national origin, age, sex, pregnancy, disability, genetic information, status as a U.S. veteran, service in the U.S. military, sexual orientation, gender identity, associational preferences, or any other classification that deprives the person of consideration as an individual.