Worcester Polytechnic Institute

Assistant Professor and Assistant Teaching Professor

Job Summary

The Computer Science Department at Worcester Polytechnic Institute (WPI) seeks applicants for both dual-mission (teaching and research) tenure-track and full-time teaching-mission secure-contract track faculty positions in Artificial Intelligence.

Job Description

Looking for faculty colleagues who engage deeply in both high-impact research and high-quality teaching within a curriculum that embraces student projects and independent learning? Consider joining WPI where we seek faculty that can contribute to a diverse and inclusive community.

About the Position. The Computer Science Department invites applications for full-time dual-mission (teaching and research) tenure-track and full-time teaching-mission secure-contract track faculty positions for the Fall of 2024 whose areas of expertise are in Artificial Intelligence. Specific themes within Artificial Intelligence include, but are not limited, to Responsible AI, Machine Learning Operations (MLOps), Human-Centric AI, Generative AI, Explainable AI, AI for Social Good, AI for Virtual Worlds, AI for Education, and AI for Health. In addition to these specific areas, outstanding candidates in any AI area (and any rank) will receive full consideration. Candidates should have a PhD in Computer Science or a closely related field, and the potential for excellence in research and teaching. The successful candidate will work with colleagues at WPI to build up AI programs and initiatives.

About the Department.

The Computer Science Department has 40 full-time faculty with research and teaching expertise in core Computer Science and CS-related interdisciplinary fields. Computer Science faculty collaborating in interdisciplinary programs (Bioinformatics, Data Science, Learning Sciences, Neuroscience and Robotics) are housed in a brand new state-of-the-art academic building. You would be joining a community of strong researchers and caring educators with expertise in AI and fields closely related to AI, including machine/deep learning, NLP, graph mining, computer vision, AI in health, educational data mining, data science, scalable data systems, and more, focused on tackling real-world challenge problems with societal impact. Faculty research is supported by the NSF, NIH, DoE, and other federal and private funding sources with recent annual new research funding averaging $14 million. Computer Science has over 1,250 undergraduate students, over 60 Ph.D. students, and over 150 students seeking master's-level degrees. Our interdisciplinary programs are home to additional faculty and students at both the undergraduate and graduate levels.

About the University.

WPI is a selective private university with an innovative curriculum centered on science, engineering, arts, business, and global studies. Ranked highly by US News & World Report among national comprehensive universities, WPI has roughly 5,000 undergraduates and 1,500 graduate students. WPI is an internationally recognized leader in project-based learning and global education. Most undergraduate students at WPI participate in a global project experience completing academic projects at WPI's 50+ project centers across six continents. We are most proud of our No. 1 ranking for "faculty who best combine research and teaching." (Wall Street Journal/Times Higher Ed, 2016). Located one hour west of Boston, the university's campus is in Worcester, Massachusetts, a thriving 21st century college city recognized as a growing hub of scientific and technological innovation, and known for a thriving economy, rich culture, and quality of life. The University of Massachusetts Medical School, numerous technology companies and many colleges and universities are in the immediate area making it ideal for two-career families. We support our faculty to help them succeed and provide faculty mentoring support for our early and mid-career colleagues.

Questions about the hiring process should be sent to recruit@cs.wpi.edu.
More information about the positions and instructions for applying are available at **https://apptrkr.com/4742078**.

You will need to include detailed research, teaching, and diversity statements; a Curriculum Vitae; and contact information for at least three references.

The position will start in August 2024. The deadline for applications is December 15, 2023, with applications continuing to be considered after that date until the positions are filled.