Worcester Polytechnic Institute

Assistant Professor and Assistant Professor of Teaching Positions in Computer Science and Artificial Intelligence

Job Summary:

Worcester Polytechnic Institute (WPI) is seeking applicants for **multiple faculty roles** in the **Computer Science Department** and the **Artificial Intelligence Program**. Positions include tenure-track dual-mission (teaching and research) positions, a tenure-track teaching-mission position, and a secure-contract teaching-mission position.

Job Description/Advertisement:

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? Join our WPI community and help us enrich our diverse and inclusive environment.

About the Positions:

WPI is recruiting for six openings across four types of full-time faculty positions.

Two positions are dual-mission (teaching and research) tenure-track Assistant Professor positions in core areas of Computer Science. Specific focus areas of interest include, but are not limited to, programming languages, compilers, visualization, socio-technical systems, sustainable computing, and high-performance computing. In addition to these specific areas, candidates in any Computer Science area will receive full consideration. We are targeting a Fall 2025 start.

Two positions are dual-mission tenure-track Assistant Professor positions in both the Computer Science Department and the Artificial Intelligence Program with areas of expertise in Artificial Intelligence. Specific themes within Artificial Intelligence include, but are not limited to, Responsible AI, Machine Learning Operations (MLOps), Generative AI, Large-Language Models, Human-Centric AI, Data Systems for AI, Personalized Assistants, AI Education, Human-AI Interaction, and Multi-Agent systems. We also welcome experts in AI applications including, but not limited to, AI for Social Good, AI for Health, AI for Virtual Worlds, AI for Education, and AI for Science and Engineering Advances. In addition to these specific areas, outstanding candidates in any AI area will receive full consideration. We are targeting a Fall 2025 start.

Two positions are teaching-mission positions in both the Computer Science Department and the Artificial Intelligence Program. One opening is for a tenure-track Assistant Professor of Teaching and another is a secure-contract Assistant Teaching Professor. These are both career teaching-mission faculty positions with targeted starts in either January or August 2025. We seek candidates whose areas of expertise intersect with Artificial. These appointments are both expected to lead to long-term security of employment and have promotion paths including the Associate and Full ranks.

Candidates should have a PhD in Computer Science or a closely related field and the potential for excellence in teaching. Dual-mission applicants must also have the potential for excellence in research.

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 collaborate in interdisciplinary programs, each including faculty from diverse disciplines beyond Computer Science. External funding for the department averages around $10 million. The department has over 1,250 undergraduate students, over 65 Ph.D. students, and around 190 students seeking master's-level degrees.

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 5,500 undergraduates and 2,600 graduate students. Questions should be sent to recruit@cs.wpi.edu.

Application instructions are available at: https://apptrkr.com/5731420

The positions will start in January or August 2025. The deadline for applications is November 15, 2024 for the teaching-mission positions and December 15, 2024 for the dual-mission positions. WPI will continue to consider applications until the positions are filled.

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