Assistant/Associate Professor in Artificial Intelligence
Lawrence Technological University

Job Title	Assistant/Associate Professor in Artificial Intelligence
Department	Electrical and Computer Engineering (ECE) and Mathematics and Computer Science (MCS) https://www.ltu.edu/engineering/electricalandcomputer/
Institution	Lawrence Technological University Southfield, Michigan
Date Posted	Jan. 28, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Robotics Computer Engineering Computer Science
Apply By Email	

Job Description

SUMMARY: Lawrence Technological University in Southfield, Michigan, is seeking to hire a tenure-track Assistant and/or Associate Professor in the broad area of artificial intelligence and machine learning to be appointed jointly in the Department of Electrical and Computer Engineering (College of Engineering) and Department of Mathematics and Computer Science (College of Arts and Sciences). Candidates with expertise in, but not limited to, robotics and intelligent automation, as well as machine learning, are encouraged to apply.

ESSENTIAL DUTIES AND RESPONSIBILITIES: The successful candidate is required to teach graduate and undergraduate courses as assigned, mentor undergraduate and graduate students, and

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establish a strong, externally-funded research program in their area of expertise. In addition, the successful candidate will contribute to departments, colleges, and university functions. Because this position is a joint appointment between two colleges, the successful candidate is expected to work in a highly interdisciplinary and collaborative environment across departments and colleges. The successful candidate will utilize artificial intelligence and machine learning techniques to accelerate the design of novel methods in industrial automation and robotics.

QUALIFICATION REQUIREMENTS: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION and/or EXPERIENCE:

- Earned doctorate from an accredited university in computer engineering, computer science, or a closely related field. Postdoctoral experience is highly desirable
- Demonstrable interest in teaching and mentoring graduate and undergraduate students
- Interest in establishing a robust and externally-funded research program
- Experience in artificial intelligence/machine learning demonstrated by a strong publication record
- Strong interest in programming and computational approaches
- Ability to work in an interdisciplinary, collaborative team
- Interest in working in a fast-paced research environment

OTHER SKILLS and ABILITIES:

LANGUAGE SKILLS: Strong written and oral communication skills in English. Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations. Ability to write reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.

MATHEMATICAL SKILLS: Ability to calculate figures and amounts such as discounts, interest, commissions, proportions, percentages, area, circumference, and volume. Ability to apply concepts of basic algebra and geometry.

REASONING ABILITY: Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

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HOW TO APPLY: Interested candidates must submit a cover letter, a complete and updated resume, a statement of teaching interests and philosophy, a statement of research interests and goals, and a list of three references with contact information, Please submit materials as a single PDF file via email to eechair@ltu.edu. Consideration of applications will begin June 20, 2024 and will continue until the position is filled. Effective date of employment is negotiable.

Lawrence Technological University conducts pre-employment screening on initial candidates for all positions, which may include but is not limited to, a criminal background check, verification of academic credentials, license, certifications, and/or verification of work history.

EEO/AA Policy

Lawrence Technological University is an Equal Opportunity/Affirmative Action Employer.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Dr. Nabih Jaber
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