Assistant Professor in Electrical & Computer Engineering - Robotics Engineering (F25)
University of Michigan-Dearborn

Job Title	Assistant Professor in Electrical & Computer Engineering - Robotics Engineering (F25)
Department	Dbn Col of Eng-Electric & Comp https://umdearborn.edu/cecs
Institution	University of Michigan-Dearborn Dearborn, Michigan
Date Posted	Nov. 13, 2024
Application Deadline	Dec. 31, 2024
Position Start Date	Sep. 1, 2025
Job Categories	Assistant Professor
Academic Field(s)	Robotics Electrical and/or Electronics
Apply Online Here	https://apply.interfolio.com/157031
Apply By Email	
Job Description	

Job Description:

The Department of Electrical and Computer Engineering (ECE) at the University of Michigan-Dearborn is excited to extend an invitation for applications to a tenure-track Assistant Professor position. Consideration is primarily at the Assistant Professor level, but outstanding candidates at the Associate Professor level will also be considered. The ECE department, boasting a collaborative team of 21 full-time faculty members, is on a trajectory of dynamic growth. Strategic faculty recruitment will be a cornerstone of our expansion in the coming years. The state-of-the-art 123,000 square foot engineering laboratory building alongside well-equipped facilities, offer excellent opportunities for

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research and teaching. ECE department offers a full range of degree programs from B.S. to Ph.D. in the areas of electrical engineering, computer engineering, and robotics engineering. The ECE faculty are at the forefront of sponsored research in a wide range of areas, including power/energy systems, autonomous vehicles, cyber security, robotics, intelligent systems, wireless networks, and vehicle electronics.

We are seeking qualified individuals whose expertise is in one or more of the following areas: robotics, mobile robots, human-robot interaction, multi-robot systems, robot learning, manipulation, perception, novel robot applications (medical, health, marine, aerial, etc). Leveraging emerging artificial intelligence (AI) and machine learning (ML) techniques for robotics tasks and applications is of particular interest. The successful candidate is expected to teach graduate and undergraduate courses in the ECE department, make significant scholarly contributions, be an effective teacher and mentor of both undergraduate and graduate students, and engage in institutional and professional service. Essential to the role are exemplary teaching and communication proficiencies. The anticipated starting date is September 1, 2025.

Eligibility & Qualifications:

- An earned Ph.D. in electrical and computer engineering or a closely related field by Aug. 31, 2025.
- A demonstrated potential for high-quality research and publications. A proven track record in research is a plus.
- A commitment and demonstrated potential to teach at undergraduate and graduate levels, engage in curriculum development, and have strong communication skills.
- A commitment to contribute to a diverse and inclusive academic culture.

Applications:

Qualified applicants are invited to send a cover letter; curriculum vitae; statements of teaching and research interests; and a list of three to five references through Interfolio at: https://apply.interfolio.com/157031. Review of applications will begin immediately and will continue until suitable candidates are appointed. However, applications received prior to December 31, 2024, will receive the highest priority.

Responsibilities:

Successful candidates will be expected to teach courses in electrical and computer engineering at undergraduate and graduate levels, develop a research program and obtain external funding to support it, work in a collaborative and interdisciplinary environment, and engage in existing and future

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collaborative research endeavors.

The ECE department and the College of Engineering of Computer Science (CECS) value a culture of diversity, equity, and inclusion. We are committed to developing diverse and culturally intelligent faculty who thrive and contribute to a positive and inclusive environment.

EEO/AA Policy

The University of Michigan-Dearborn 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 UMDearborn.ECE.search.committee@umich.edu
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