Assistant Professor - Robotics
Tufts University

Job Title	Assistant Professor - Robotics
Department	School of Engineering: Mechanical Engineering
Institution	Tufts University
	Medford, Massachusetts
Date Posted	Sep. 20, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Mechanical Engineering
Job Website	https://apply.interfolio.com/149624
Apply By Email	

Job Description

Tufts University Department of Mechanical Engineering is searching for a faculty member at the Assistant Professor level in robotics. Research thrusts may span the broad field of robotics, but preferably with an emphasis on the interface between artificial intelligence and mechanical systems, for applications including human-robot interaction, vehicle automation, mechanism design, biomimetics, soft robotics, or micro-robotics. The candidate should be capable of teaching undergraduate and graduate courses related to current curricula and new research directions.

Tufts' School of Engineering (SOE) distinguishes itself by the interdisciplinary focus and integrative nature of its engineering education and research programs, within the intellectually rich environment of both a "Research I" university and a top-ranked undergraduate institution. The past ten years have been a period of extraordinary growth for SOE at Tufts, with recruitment of over half of its current tenured and tenure-track faculty members and a more than three-fold increase in research productivity. Tufts offers the best of a liberal arts college atmosphere, coupled with the intellectual and technological

resources of a major research university. Home to seven graduate and professional schools across three campuses, Tufts University prides itself on its culture of cross-school partnerships. Located on Tufts' Medford/Somerville campus, only six miles from historic downtown Boston, SOE faculty members have extensive opportunities for academic and industrial collaboration, as well as participation in the rich intellectual life of the region.

Women, African American/Black, Hispanic/Latinx, and Native American/Alaskan Native candidates are welcome and strongly encouraged to apply. The department especially values candidates who have an interest in civic engagement, social impact, and the betterment of society.

Qualifications

General/Professor rank: The successful candidate will join an active department that offers B.S., M.S., and Ph.D. programs, and thus must demonstrate excellence in teaching as well as the potential to develop an internationally recognized research program. Teaching responsibilities will include graduate and undergraduate courses. A doctorate in engineering or a related field is required, and all candidates must have experience in robotics.

Application Instructions

Questions about the position should be addressed to Professor Jason Rife, search committee chair, at jason.rife@tufts.edu. Candidates should submit their application, including a cover letter, curriculum vitae, statement of research and teaching interests and objectives, and contact information for three references online through Interfolio at https://apply.interfolio.com/149624. Candidates should clearly explain how their research and skillset will fit well into the department ecosystem and why they are interested in Tufts. Candidates are encouraged to demonstrate attention to diversity and inclusion as it relates to teaching, research, and scholarship throughout their application. Review of applications will begin on November 1, 2024 and will continue until the position is filled.

EEO/AA Policy

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Tufts University, founded in 1852, prioritizes quality teaching, highly competitive basic and applied research, and a commitment to active citizenship locally, regionally, and globally. Tufts University has also committed to becoming an anti-racist institution and prides itself on the continuous improvement of diversity, equity and inclusion work. Current and prospective employees of the university are expected to have and continuously develop skill in, and disposition for, positively engaging with a diverse population of faculty, staff, and students. Tufts University is an Equal Opportunity/Affirmative Action Employer. We are committed to increasing the diversity of our faculty and staff and fostering their success when hired. Members of underrepresented groups are welcome and strongly encouraged to apply. See the University's Non-Discrimination statement and policy here https://oeo.tufts.edu/policies-procedures/non-discrimination/. If you are an applicant with a disability who is unable to use our online tools to search and apply for jobs, please contact us by calling the Office of Equal Opportunity (OEO) at 617-627-3298 or at oeo@tufts.edu. Applicants can learn more about requesting reasonable accommodations at https://oeo.tufts.edu/.

Contact Information

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

Contact

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