

Assistant Professor / Associate Professor
Tufts University

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Posted Sep. 14, 2020, set to expire Jan. 25, 2021

Job Title	Assistant Professor / Associate Professor
Department	School of Engineering: Computer Science
Institution	Tufts University Boston, Massachusetts
Date Posted	Sep. 14, 2020
Application Deadline	Open until filled
Position Start Date	Fall 2021
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Computer/Information Sciences
Job Website	https://apply.interfolio.com/78094
Apply By Email	
Job Description	

The Department of Computer Science at Tufts University invites applications for a tenure-track faculty position to begin in September 2021. We seek candidates at the rank of Assistant or Associate Professor with research in Quantum Computation and Quantum Information. We are particularly interested in researchers focused on the discovery of new quantum algorithms and quantum resources, which includes algorithms across the spectrum of known applications of quantum computing: cryptanalysis, quantum simulation, quantum search, quantum optimization, adiabatic quantum computing, variational quantum algorithms, quantum machine learning, as well as quantum-inspired classical algorithms. Exceptional candidates in other areas of Quantum Computation and Quantum Information will be considered as well.

We are looking for engaged and engaging researchers and teachers with a compelling vision who can build and maintain a high-quality research program at Tufts. We are interested in candidates with a strong background in theoretical computer science whose research will connect with some of our

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current faculty both in quantum information and beyond.

The candidate will have opportunities to interact with Tufts' rapidly growing Data Intensive Studies Center (DISC) and to work closely with a group of Tufts Faculty from the Departments of Chemistry, Electrical & Computer Engineering, Mathematics, and, Physics and Astronomy, with research interests in Quantum Information and Quantum Computation.

The department has grown significantly in the past decade in faculty, student size, and research funding. The department benefits from outstanding undergraduate and graduate students, collaborative faculty, and cross-disciplinary research opportunities. Tufts University is one of the smallest universities ranked as a Research 1 university, so it offers the best of a liberal arts college atmosphere coupled with the intellectual and technological resources of a major research university. Tufts University supports and encourages a culture of interdisciplinary research, and there are numerous such opportunities within the School of Engineering, the School of Arts and Sciences, the Fletcher School of Law & Diplomacy, the School of Medicine, and our other graduate and professional schools.

Located only six miles from historic downtown Boston, faculty members on the Tufts Medford/Somerville campus have extensive opportunities for academic and industrial collaboration as well as participation in the rich intellectual life of the area. The School of Engineering is in the midst of a period of exciting growth that has seen the recruitment of outstanding new faculty, a quadrupling of funded research over the last ten years, the addition of new buildings and laboratory space, an emphasis on building diversity in engineering, and major curricular initiatives at both the undergraduate and graduate levels.

Applicants must hold a doctorate by the beginning of the appointment, must have an active research program, must show promise of continued outstanding research activity, and must exhibit a strong commitment to excellence in teaching.

Please submit your application online through Interfolio at <https://apply.interfolio.com/78094>. We request the following: (a) a cover letter explaining your interest in Tufts and in this position; (b) your curriculum vitae; (c) a statement describing your current and planned research; (d) a statement of your teaching philosophy; (e) a sample of your scholarly work; and (f) three to five confidential reference letters.

Candidates are encouraged to demonstrate throughout their application their attention to diversity and inclusion as these topics relate to teaching, research, and engagement within the academic environment.



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Review of applications will begin December 15, 2020 and will continue until the position is filled. For more information about the department or the position, please visit our web page. For more information about the department or the position, please visit our web page. Inquiries should be emailed to ttsearch@cs.tufts.edu.

For assistance with Interfolio, please contact help@interfolio.com or call 877-997-8807.

EEO/AA Policy

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 also prides itself on creating a diverse, equitable, and inclusive community. 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 Johny Laine in the Office of Equal Opportunity (OEO) at 617-627-3298 or atjohny.laine@tufts.edu. Applicants can learn more about requesting reasonable accommodations at <http://oeo.tufts.edu>.

Contact Information

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

Contact