

University of New Haven
ECECS Faculty – Assistant Professor of Computer Science
Tagliatela College of Engineering

The Department of Electrical & Computer Engineering and Computer Science (ECECS) in the Tagliatela College of Engineering at the University of New Haven invites applications for a tenure-track assistant professor in emerging areas of Computer Science. The expected start date is August 2020.

The University of New Haven is in an attractive location situated between Boston and New York City. New Haven is a vibrant and diverse city offering numerous opportunities for recreation and the arts. Beautiful shorelines and surrounding cities with outstanding schools in the nation offer attractive opportunities for young families.

Required qualifications:

- The department seeks candidates in all areas of computer science who apply their expertise to the emerging areas of artificial intelligence, autonomous systems/vehicles, cyber physical systems, distributed processing and/or advanced robotics.
- Ph.D. in Computer Science. Preference will be given to candidates who are able to teach core computer science courses.
- A strong commitment to and evidence of potential for excellence in teaching and research.
- Strong communication and interpersonal skills and commitment to collegiality and teamwork.
- An interest in active learning, experiential learning, and student engagement are desirable.
- Authorization to work in the U.S.

Responsibilities:

- Teach courses to develop student competence in emerging areas of computer science such as artificial intelligence, distributed processing, parallel programming, systems programming and courses relevant to the candidate's research. Also teach undergraduate and graduate courses in the core areas of computer science.
- Mentor undergraduate and graduate students with research, leading to scholarly publications with students. Write grant proposals to seek external funding to support research. Opportunities for research collaboration exist within the college and across the university. Existing faculty already have funded projects from NSA, NSF, DHS and existing collaborations with the MITRE Corp.
- Develop teaching approaches that include hands-on and project-based learning.
- Actively participate in departmental processes and service.

About the University and College: The University of New Haven, founded on the Yale campus in 1920, is a private, coeducational university situated on the coast of southern New England. It is a diverse and vibrant community of more than 6,800 students, with campuses around the country and around the world. Within its five colleges, students immerse themselves in a

transformative, career-focused education across the liberal arts and sciences, fine arts, business, engineering, public safety, and public service. We offer more than 100 academic programs, all grounded in a long-standing commitment to collaborative, interdisciplinary, project-based learning. Here, the experience of learning is both personal and pragmatic, guided by a distinguished faculty who care deeply about individual student success. As leaders in their fields, faculty members provide the inspiration and recognition needed for students to fulfill their potential and succeed at whatever they choose to do.

The Tagliatela College of Engineering (TCoE) takes pride in providing students a well-balanced mix of hands-on education with a strong theoretical foundation that allows graduates to function effectively and confidently in the workplace. Our graduates are highly sought after and known by employers to be work-ready. Our curricula in core engineering and applied science disciplines, combined with strong interdisciplinary coursework, internships in the field, co-curricular activities, and research opportunities, enable our graduates to remain a step ahead of the competition in today's crowded job market. The TCoE is the only private engineering college in Connecticut that offers eight nationally accredited engineering and applied science programs (chemical, civil, computer, electrical, mechanical and industrial & systems engineering, computer science, and chemistry). The buzz is out there beyond Connecticut too as more than half of our incoming first-year students come from out-of-state. We also serve a significant number of international and multicultural students. The TCoE is ranked in the top third of undergraduate engineering programs nationwide in its category by U.S. News & World Report.

Diversity and Inclusion: The University of New Haven is committed to diversity and inclusion in higher education. The University seeks candidates whose teaching, research and/or service has prepared them to contribute diversity and inclusion in our academic community. Applicants are asked to submit a diversity and inclusion statement explaining how their teaching, scholarship and/or service, contributes to building and supporting diverse and inclusive communities.

Application Process: All information on candidates will be kept confidential. Review of applications will start immediately and continue until the position is filled. Qualified candidates should submit 1) a cover letter describing their academic and/or industry experiences relevant to the position, 2) a curriculum vitae, 3) a statement of teaching philosophy and achievements, 4) a diversity and inclusion statement, and 5) contact information for at least three professional references. All materials should be submitted online at <http://apply.interfolio.com/72867>.