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Assistant Professor - Cybersecurity
Tagliatela College of Engineering

The Department of Electrical and Computer Engineering and Computer Science in the Tagliatela College of Engineering at the University of New Haven invites applications for a tenure track assistant professor position in cybersecurity with emphasis on Cyber Operations. The expected start date is August 20, 2019.

Required qualifications:

- A Ph.D. in Computer Information Systems, Computer Science, or closely related fields with emphasis on cybersecurity from an accredited institution is required at the start of employment.
- Preference will be given to candidates with research interests in offensive cybersecurity, defensive cybersecurity, digital forensics, network security, cloud security, and malware analysis.
- A strong commitment to and evidence of potential for excellence in undergraduate and graduate teaching and research.
- A strong commitment to applied, hand-on cybersecurity research and teaching.
- Strong communication and interpersonal skills and commitment to collegiality and teamwork.
- Candidates with interest in active learning, experiential learning, and student engagement are desirable.
- Authorization to work in the U.S.

The ECECS Department plays a pivotal role in a number of key strategic priorities for the College and the University. Among these priorities is a University-wide focus on cybersecurity and data science.

Responsibilities: Teach NSA Cyber Operations mapped courses (reverse engineering, ethical hacking, assembly and network security are highly desirable) in cybersecurity and digital forensics and some core areas of computer science. Develop a research program that complements existing activities in the department and college in cybersecurity, networking or other relevant areas, while engaging graduate and undergraduate students. Lead our highly recognized student hacking club with national and international wins, and mentor students to become a leading team in cyber collegiate competitions. 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. Scholarly publications and grant writing to establish funded research is expected. Service at the program, profession, departmental, college and university levels on various working groups and committees is also expected. Other duties may
include working with organizations to secure industry-sponsored design projects and outreach/recruiting.

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’s 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 system 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 was ranked in the top third of undergraduate engineering programs nationwide in its category in the 2017 U.S. News & World Report rankings.

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 https://apply.interfolio.com/58036
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