University of New Haven
ECECS Faculty – Assistant Professor - Cybersecurity
Tagliatela College of Engineering

Description
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 potentially multiple positions including tenure track assistant professor or lecturer in cybersecurity and computer science. The University of New Haven has been recognized by the NSA as a Center of Academic Excellence in Cyber Operations (CAE-CO), one of only 21 universities in the United States to receive this prestigious designation. The university has made cybersecurity a top priority in its centennial fund raising challenge with the slogan of "Securing Our Future" (https://www.newhaven.edu/securingourfuture). We are looking for energetic faculty members who want to continue building our national and international reputation in cybersecurity. The start date is August 2020, but an earlier start date is also negotiable.

Location: The University of New Haven is in a great location. New Haven has a lot to offer, and the surrounding shoreline cities are ideal for families with Connecticut being home of some of the best schools in the nation. East Coast cities are easily accessible by train, and the location is in close proximity to New York and Boston.

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 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 are from out-of-state. We also serve a significant number
of international 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.

**Expectations:**

- Ability to teach hands-on cybersecurity courses such as reverse engineering, ethical hacking, assembly, digital forensics and network security is highly desirable.
- If hired on a tenure track position, faculty will be expected to 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.
- Work with our highly recognized student hacking club which has secured 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 for tenure track hires.
- 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.

**Qualifications**

**Tenure Track Position:**

- 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, reverse engineering 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.

**Lecturer (Non-Tenure Track) Position:**
- An M.S. with multiple years of experience, or 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 interests in offensive cybersecurity, reverse engineering 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.

**Application Instructions**
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 statement of research interests (for tenure track position), 5) a diversity and inclusion statement, and 6) contact information for at least three professional references. All materials should be submitted online at [http://apply.interfolio.com/60304](http://apply.interfolio.com/60304).