Cybersecurity @ Towson University

WHERE THE REAL ACTION IS HAPPENING

K-12 outreach and partnerships

- The TU SPLASH program provides opportunities for high school girls to learn secure programming logic and earn four college credits.
- TU's Cybersecurity scholarships offset the course costs for high school students enrolled in the SPLASH program.

Relevant and practical curriculum, including secure coding across the curriculum

- Towson University has been a National Center of Academic Excellence in Cyber Defense Education since 2002. In 2013, Towson was designated as a NSA CAE in Cyber Operations and has led the way, nationally, in cybersecurity education.
- TU has four programs exclusively focused on cybersecurity.
- TU embeds secure coding across the undergraduate curriculum through our Security injections modules. The combination of lab exercises and student-completed checklists in these security injections has helped us teach security across the curriculum.

Student scholarship opportunities

- The Towson University CyberCorps Scholarship provides TU students with full tuition, $20,000 stipend, books, and covers the travel and health insurance costs.
- Many TU students have also won cybersecurity scholarships sponsored by the U.S. Department of Defense.

TU has award-winning student cybersecurity defense teams

Leading-edge research

- TU faculty developed a new CAPTCHA system for blind and visually impaired internet users.
- With numerous federal grants received, TU has developed an online laboratory for cybersecurity courses, a classroom laboratory in mobile device forensics, and developed curriculum in the usability and accessibility of cybersecurity tools.

FIND US ON THE WEB @ WWW.TOWSON.EDU/CYBER

TOWSON UNIVERSITY