Women in CS // Cyber Security Workshop

Curious about reverse engineering, vulnerabilities, and how to use vulnerabilities to gain control of systems? This free, hands-on workshop for undergraduate women in computer science will teach some fundamentals of cyber security and give you a chance to network with like-minded peers and professionals. Simply put, you'll learn about hacking, for fun and profit! No prior experience in cyber security is needed. If you have some basic programming skills and have seen a command-line terminal, or if you have completed a first course in Java, C++, or other language, then you have what it takes to succeed at this workshop.

Logistics & Program

Date: Saturday, November 14th, 2020
Time: 9:00am – 5:00pm
Cost: Free!
Register here: https://womens-cybersecurity-workshop.eventbrite.com/ **Password:** cyberpunk
Attendance: The event is held online. We will email out the details for downloading materials and our Zoom meeting about 2 weeks before the date.

Time	Duration	Session
9:00am – 10:30am	1hr 30min	Session 1 – Program structure
10:30am – 10:45am	15min	Break 1
10:45am – 12:00pm	1hr 15min	Session 2 – Disassembly and decompiling
12:00pm – 1:00pm	1hr	Lunch
1:00pm – 2:15pm	1hr 15min	Session 3 – Software Vulnerabilities
2:15pm – 2:30pm	15min	Break 2
2:30pm – 3:45pm	1hr 15min	Session 4 – Exploitation and shellcode
3:45pm – 4:00pm	15min	Break 3
4:00pm – 5:00pm	1hr	Professional Panel – Careers & Networking

Instructors

Allison Rancourt is a Senior Cyber Research and Innovation Engineer at the MITRE Corporation. At MITRE, Allison specializes in reverse engineering and enjoys exploring different technologies in cyber and beyond. Allison graduated with a Bachelor of Arts degree in Computer Science and Mathematics from the College of the Holy Cross in 2017.

Jeremy Blackthorne (@0xJeremy) is a co-founder and instructor at the Boston Cybernetics Institute (BCI). Before BCI, he was a researcher at MIT Lincoln Laboratory. He has taught reversing and exploitation to many audiences, including Harvard, Tufts, MIT, RPI, and West Point. He previously served in the United States Marine Corps and is an alumnus of RPISEC.