



Cedarville Cyber Team

Involvement Information Sheet

Competitions:

- **National Collegiate Cyber Defense Competition (CCDC)**



An 8-person cyber defense team competition. Teams defend a network of different connected machines (Various Linux distributions, a firewall, and windows 8, 10, server, ESXi, and more) from an active team of professional Red Team hackers. The network runs multiple different services and teams must secure their machines, keep their services up, and respond to business style inquiries. Cedarville's team won the Ohio state round and placed 4th in regionals, join for a chance to go even further!

- **National Cyber League (NCL)**



With both an individual game and a team round this is a great way to get started with Cyber! It will help you learn new skills you will need in your cyber classes and prepare you for the concepts we use in the CCDC. It is more of an offensive focused skill wheel with sections in Enumeration and Exploitation, Reverse Engineering, Cryptography, Open-Source Intelligence, Password Cracking, and more!

- **Hack the Port (HTP22)**



In the Spring semester of 2022 5 seniors got to travel down to Ft. Lauderdale Florida for a competition sponsored by MISI and the NSA to participate as a Red Team in a cyber competition/conference focused on maritime port security and got 7th place. Highly offensive cyber focused using malware, PLCs, phishing emails, Metasploit, supply chain attacks and more! More opportunities like this are always coming up!

- **Hivestorm**



A 4-person cyber defense competition similar to the CCDC but at a more entry/beginner level with immediate feedback about what you fixed and what you missed. It is essentially the Collegiate version of CyberPatriot. Teams have a couple VMs, each worth 100 points, that teams will have to

make more secure to earn points. This is the first year we are exploring this and if interest is high enough, we will participate!

- **NSA Codebreaker**



An annual competition put on by the NSA, this competition combines a broad set of skills from programming to reverse engineering, open-source intelligence, and offensive cyber tools to give participants a good challenge and great intro into all things cyber.

Other Involvement:

- **Women in Cybersecurity Chapter (WiCyS)**



Dedicated to bringing talented women together to celebrate and foster their passion and drive for cybersecurity. Unites women cybersecurity professionals across the world to collaborate, share their knowledge, network, and mentor through professional development programs, conferences, career fairs, and more.

- **Cyber Awareness Events**



For the past 2 years we have been facilitating some Cyber-Awareness centered events on Cedarville's campus. These include cyber-themed movie nights, campus scavenger hunts and challenges, a Cyber Speaker Series with talks from industry professionals on various topics. We're always open to new ideas and would love to have more help planning these events!

- **CyberPatriot Mentoring**



2 years ago (before COVID) we helped to mentor the High School and Middle School CyberPatriot competition teams at the Cedar Cliff school in town. CyberPatriot is a cyber-defense competition very similar to Hivestorm as well as CCDC and many of our current team members were raised up through this program. We would love to do this again and if you want to help mentor the students there, we'd love to have you!

Visit cyber.cedarville.edu for more information and some training resources!