Cyber Security Group RSO

Context
Washington State University Cybersecurity Student Club uses competitions to motivate and encourage learning of cyber security concepts, skills and collaboration in a hands on, interactive way.

Cybersecurity Club
- The club hosts periodic meetings to teach members about cybersecurity concepts. Meetings led by members are focused on a specific cybersecurity topic, and often involve hands on exercises.
- Club officers organize and find competitions for students to compete in and register teams.
- Many VICEROY students and MAVEN graduates are members of the club and use skills they learned during the internship in the competitions with the club.

Benefits of Competitions
- Students learn both hard and soft skills.
- Students are exposed to new cybersecurity domains they may not be familiar with and are motivated to learn new skills to help further their team’s progress.
- Students learn importance of effective team organization and leadership to produce high functioning cyber teams.

Capture The Flag (CTF)
- Students work across a wide variety of domains to solve challenges, such as encryption breaking, reverse engineering, web exploitation to retrieve a ‘flag’, a short string to gain points and climb the leaderboard.

Simulated Exercises
- Students work together to approach a pre-designed cyber exercise that simulates a real-world mission, requiring teams to plan and execute a mission, then debrief to adapt to challenges they may have faced.

Events
- VICEROY Dr. Boom
- Blue Edge Concord Dawn
- Spokane Mayors Cup
- National Cyber League
- Pacific Rim Collegiate Cyber Defense Competition
- CyberForce Competition

Club Leadership
President – Zachary Werle
Vice President – Alexander Hagood
Treasurer – Guinevere Fish
Outreach Officer – Adam Caudle
Logistics Officer – Alec Barran
Instructional Lead - Justin Van Der Sluys
Faculty Advisor – Dr. Assefaw Gebremedhin

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