WELCOME TO CYSER

DR. ASSEFAW GEBREMEDHIN
DR. BERNARD VAN WIE
DR. JAMES CRABB
Funded by the Griffiss Institute

www.griffissinstitute.org/what-we-do/viceroy

• Provide an enhanced pipeline for future cyber leaders
• Increase diversity in the cyber workforce
• Stand as recognized leaders in technology areas of critical importance to our National Defense Strategy
Cyber Security Group
https://wsu.presence.io/organization/cyber-security-group
CYBERSECURITY CLUB

ARE YOU A COMPUTER SCIENCE MAJOR, AND/OR INTERESTED IN CYBERSECURITY?

COME TO ONE OF OUR UPCOMING MEETINGS IN ROOM 212 AT THE SPARK!

ANYONE WITH AN INTEREST IN COMPUTER SCIENCE IS WELCOME!

UPCOMING MEETING INFO

September 1, 5:30-7:30PM
OSINT & its application to cybersecurity
Difficulty: Beginner
Bring a working laptop that can connect to the internet!

October 6, 5:30-7:30PM
Password cracking!
Difficulty: Beginner
Bring a working laptop that can connect to the internet, and have Hashcat installed (https://hashcat.net/hashcat/)

November 3, 5:30-7:30PM
Network packet analysis
Why: If you want to be a network engineer, it's important to be able to analyze the information being sent in your network. This skill helps in finding attackers and debugging!
Difficulty: Intermediate
Bring a working laptop that can connect to the internet, and have Wireshark installed (https://wireshark.org/)
MAVEN Summer Internships

More information at:

2023 VICEROY MAVEN SUMMER INTERNSHIP

- 45 first-year interns, 5 graduate assistants
- 12 June - 4 August 2023 in Rome, NY
- Leadership, writing, public speaking, research, capstone, and graduation dinner components
- New for 2023
  - AF/SF mission and electromagnetic spectrum (EMS) emphasis
  - Cyber and EMS-focused lectures on UAS, Satellites, Cyber-Enabled Munitions, SCADA, and Military IoT
  - Blue Book® cyber vulnerability assessment of a mission system
  - IEEE conference-style paper on research projects
  - Hands-on cyber and EMS exercises
Seminars

- https://cyser.wsu.edu/seminars/

**Abstract:**
The Cybersecurity and Infrastructure Security Agency (CISA) is the newest federal agency. We partner with both the private sector and other Federal agencies to secure critical infrastructure. During this seminar, we will discuss those relationships, the current threat landscape, and pathways for federal employment.

**Bio:**
Daniel is a Cybersecurity Advisor for CISA region 10 (WA). He is a cybersecurity professional with experience working for city, county, and state organizations. He has also worked extensively in Higher Education, including 17 years at WSU. His work in the public sector has allowed him to understand that services need to be provided, even when budgets are challenging. His current position at CISA allows him to focus these experiences to provide no-cost services to support the 16 sectors of critical infrastructure.
https://cyser.wsu.edu/

- Information on up-coming seminars
- Archive of all past seminars with full videos
- Details of past Summer Workshops
- Contact info for CySER staff
Research Experience

• [https://cyser.wsu.edu/summer-workshop/cyser-summer-workshop-2023-posters/](https://cyser.wsu.edu/summer-workshop/cyser-summer-workshop-2023-posters/)

• Undergrads assigned to graduate mentors

• Participate in real-world research related to cybersecurity

• Meant to give “exposure” not “mastery”

• Undergrads should gain familiarity with a research project and get hands-on experience

• Present outcomes (results, lessons learned) in a poster session at the CySER Summer Workshop 2024
Internships

• Requirement of CySER Fundamentals and Basics certificates
• We ask all available participants to apply to MAVEN
• Seminar speakers from industry/government promote internships
• Many, many resources at WSU
• Can be done at any point during your undergraduate program
Summer Workshop

• https://cyser.wsu.edu/summer-workshop/
Coursework

• [https://cyser.wsu.edu/certificate-offerings/](https://cyser.wsu.edu/certificate-offerings/)
• Can be done at any point during your undergraduate program
• Consult with your advisor
• SME
  • Assefaw Gebremedhin, EECS
  • Paul Wilmoth, EECS
  • Tracey Spencer, Carson College of Business
  • Goretti Manzo, Carson College of Business
Wrap-up and Questions

connected to address 112.33

username: *********
password: Password12345:)

Access granted...