

Sahmer Ismael

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Emerging Information Security Professional

Detail-oriented and motivated emerging security analyst with a strong academic background in cybersecurity and a passion for protecting digital assets from cyber threats. Eager to apply theoretical knowledge and gain practical experience in threat detection, incident response, and vulnerability assessment within a dynamic cybersecurity environment. Committed to continuous learning and professional development to contribute effectively to organizational security objectives. **NSF Scholarship for service Recipient**

Education:

Old Dominion University, Norfolk, Virginia, USA

Bachelor of Science in Cybersecurity

Minor: cybercrime

Current GPA: 3.53

Expected Graduation: May 2025

Skills Snapshot:

- **Tools & Software:** Wireshark, Linux, Excel, Word, PowerPoint, Zen map, John the ripper, Bash scripting, OSINT, Nmap, Metasploitable2, Burp Suite, Metasploit, Caine and Abel,
- **Programming Languages:** Python
- **Security Frameworks:** NIST Cybersecurity Framework 2.0, RMF, GDPR,

Relevant courses: - Linux fundamentals | Cyber techniques and Operations| Crime and Computer Applications| Digital Forensics | Python programming and networking fundamentals|

Professional Experience:

Cyber Risk Management intern:

Commonwealth Cyber Initiative (CCI), Norfolk, VA Jan 2025 – Present (10 hrs per week)

- Conducting cybersecurity assessments for small businesses, identifying vulnerabilities and issuing mitigation strategies.
- Working directly with small businesses, using skills of design thinking and empathy, to understand cybersecurity challenges in depth.
- Collaborating with peers and ODU faculty, to provide cybersecurity services in network defense tactics, security awareness training and referencing the NIST CSF framework 2.0 and CISA CPGs

Network & IoT specialist:

Old Dominion University, Norfolk, VA Jan 2023 - Jun 2023 (20 hrs per week)

- Administer all campus printers to ensure their connection to the network and are operating correctly.
- Conduct network services for IoT software applications, IP security cameras and PKI campus card scanners for infrastructure access, to restore service, identify, and fix errors.
- Maintain security standards to uphold data confidentiality.
- Providing access control for staff and students around campus
- Provide onsite technical support with various technologies

Cybersecurity peer ambassador:

Old Dominion University, Norfolk, VA Jan 2024- Dec 2024 (20hrs per week)

- Help organize cyber events for the department, for upcoming freshman.
- Tutored students in Linux fundamentals and python programming.
- Joined staff meetings, with professor and department officials, and voiced what students what to see improved as a whole in the department.

Innovate Cyber challenge:

Old Dominion University Jan2023 – April2023 (15hrs week)

- Highly competitive undergraduate competition that tests college students' ability to collaborate in groups to recognize and address critical cybersecurity problems that local companies and industries are facing
- focuses on the design thinking approach to problem-solving and producing innovators. Design thinking is a human-centered method for creative action that largely relies on empathy, observation, interviewing, and brainstorming.
- Presented a 5 min pitch on April 18,2023 to 100 business professionals, educators, and students on are innovative solution

CS2A Club:

Old Dominion University, Norfolk, VA Oct 2021- present

- ODU school of cybersecurity club, that works on various projects to help individuals advance in areas of interest in cybersecurity. Areas of work include network security, offensive security, defensive security, and incorporation of CTF challenges against other University across the nation.

Accomplishments:

- Dean List Student 2023-2024 School year
- Membership in the National Society of Collegiate Scholars.
- NSF Scholarship recipient
- Peer ambassador for the ODU school of Cybersecurity

