Samantha F. Riggs

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e-Portfolio: https://sites.wp.odu.edu/samantha-riggs

Education

Old Dominion University, Norfolk, VA

Bachelor of Cybersecurity   Expected Graduation Date: May 2026

Major: Cybersecurity

GPA: 3.77

Wytheville Community College, Wytheville, VA

Associate of Arts and Science in Science   May 2021

GPA: 3.82

Relevant Courses: Ethical Hacking and Penetration, Cyber Techniques and Operation, Networked Systems Security, Applied Machine Learning in Cybersecurity

Relevant Projects

Ethical Hacking

- Conducted a port scan against a Windows XP machine in a virtual network environment
- Created and configured a deliverable payload
- Used a created payload to exploit a Windows 7 virtual machine and establish a remote connection
- Escalated privileges on a virtualized compromised machine

Active Reconnaissance and Vulnerability Scanning

- Utilized Nmap to scan all open ports and running services for a specified virtual host
- Used NSE scripts to determine all known vulnerabilities present in a specified virtual host
- Used scripts to perform a brute force attack on a virtualized compromised system

Skills

Programming Languages: Python, C#

Tools & Platforms: Wireshark, Nmap, Linux (Ubuntu, Kali), Metasploit, pfSense

Concepts: Malware analysis, firewalls, network protocols, ethical hacking