

Abyan Ahmed

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Overview

Aspiring Cybersecurity Analyst pursuing a B.S. in Information Technology with a concentration in Cybersecurity at George Mason University. Gained leadership and collaboration experience as a PRCS Summer Camp Leader and developed strong communication and adaptability as a Substitute Teacher. Passionate about cybersecurity and emerging technologies, seeking internships to build technical and problem-solving skills.

Technical Skills

Cybersecurity & IT: Firewall Configuration & Management, Network Traffic Analysis & Packet Sniffing (Wireshark), Encryption Protocols, TCP/IP Framework, Vulnerability Scanning, Networking, Troubleshooting, Operating Systems, SIEM Log Analysis, End-User Troubleshooting

Programming & Scripting: Python, HTML

Tools & Platforms: Wireshark, Nmap, Kali Linux, Oracle VirtualBox, Windows

Experience

Loudoun County Public Schools February 2025 - Present

Substitute Teacher

- Adaptable and reliable Substitute Teacher experienced across subjects and grade levels; skilled at managing instruction and maintaining a positive, structured classroom.
- Effective communicator and problem-solver dedicated to maintaining learning continuity, engaging students, and supporting school communities with professionalism and care.

Loudoun County Government June 2023 – August 2025

Summer Camp Leader

- Led groups of 35–40 children as a PRCS Summer Camp Counselor (2023–2024), ensuring safety, engagement, and positive dynamics.
- Planned and led recreational activities in gym and cafeteria settings, promoting teamwork, creativity, and physical activity.
- Supervised facility use to ensure a safe, clean, and organized environment supporting smooth camp operations.

Projects and Academic Experience | *Explore more of my projects at abyan.lol*

TryHackMe Write Ups | ping, traceroute, telnet, netcat, IP enumeration, log analysis, alerting, WAFs Sept 2025-Present

- Performed web-attack detection: log analysis and HTTP stream inspection with Wireshark.
- Designed WAF rules to block malicious User-Agents and documented mitigations
- Produced lab documentation: commands, screenshots, PCAPs, and remediation recommendations.

Personal Cybersecurity Home Lab | *VirtualBox, Kali Linux, Metasploitable 2* May 2025-Present

- Documented, configured, and maintained a VirtualBox lab with Kali Linux to simulate real-world IT and cybersecurity environments.
- Built and managed an isolated penetration-testing environment (Kali Linux + Metasploitable 2) in VirtualBox to practice active reconnaissance
- Practiced network scanning, packet analysis, and vulnerability assessment using tools such as Nmap and Wireshark

Certifications

[CompTIA IT Fundamentals+ \(ITF+\)](#) Certification | [Google Cybersecurity Professional Certificate](#)

Education

George Mason University August 2024 - May 2028

Bachelors in information technology, Cybersecurity Concentration, GPA: 3.95/4.0

Fairfax, VA

Courses: Information Security Fundamentals, Introduction to Computer Programming, Introduction to Computing, IT Architecture Fundamentals

Potomac Falls High School September 2020 – June 2024

Advanced Studies Diploma, GPA: 4.13/4.0

Sterling, VA

Relevant Courses: Introduction to Cybersecurity, Cybersecurity Operations