# Abyan Ahmed

June 2028 Graduation | aahmed89@gmu.edu | abyan20539@gmail.com| https://www.linkedin.com/in/abyanahmed/|
https://github.com/0v0e | https://abyan.world/ | https://abyan.lol/ | Washington DC-Baltimore Area | +1 703-689-1357 |

## Overview

**Aspiring Cybersecurity Analyst** pursuing a B.S. in Information Technology with a concentration in Cybersecurity at George Mason University. I gained leadership and collaboration skills as a Summer Camp Leader with Loudoun County PRCS and developed strong communication, classroom management, and adaptability as a Substitute Teacher. Passionate about cybersecurity and emerging technologies, actively seeking hands-on experience through internships to deepen technical skills and problem-solving abilities.

## Technical Skills

**Cybersecurity & Information Technology:** Linux System Security & Hardening, Incident & Log Analysis (Splunk fundamentals), Security Compliance & Risk Management (NIST), Firewall Configuration & Management, Network Traffic Analysis & Packet Sniffing (Wireshark), Penetration Testing (Kali Linux), Encryption Protocols, TCP/IP Framework, Vulnerability Scanning

**Programming & Scripting:** HTML5, SQL (database queries, security use cases), Python (automation, security scripts), Bash (Linux Scripting)

**Tools & Platforms:** Wireshark, Nmap, Kali Linux, Visual Studio Code, Dreamweaver, PyCharm, Oracle VirtualBox, Windows

## Experience

**Loudoun County Public Schools**                                                                                     February 2025 - Present

*Substitute Teacher*

- Adaptable and dependable Substitute Teacher with experience across diverse subjects and grade levels; skilled at quickly integrating into new classrooms, managing instruction, and maintaining a positive, structured learning environment.
- Effective communicator and problem-solver who ensures continuity of learning by following lesson plans or adapting as needed; committed to student engagement, academic integrity, and supporting school communities with professionalism and care.

**Loudoun County Government**                                                                                            June 2023 – Present

*Summer Camp Leader*

- Led groups of 35–40 children as a Summer Camp Counselor with PRCS during the summers of 2023 and 2024, ensuring safety, engagement, and positive group dynamics.
- Planned and facilitated recreational activities using gymnasium and cafeteria spaces, promoting teamwork, creativity, and physical activity.
- Supervised facility use to maintain a safe, clean, and organized environment while supporting smooth daily camp operations.

## Projects and Academic Experience

**Multimedia and Web Design Website Project**| *HTML 5, CSS, JavaScript, Adobe Animate, Dreamweaver, Photoshop*          April 2025

- Developed a mock e-commerce website for a fictional retro game store using HTML5, CSS, and JavaScript, applying web design best practices to ensure functionality and user experience. Created custom animations in Adobe Animate, a professional logo in Photoshop, and optimized code structure and responsiveness using Adobe Dreamweaver.

**HTML Project on AI-Powered Cybersecurity** | *HTML5, CSS, Visual Studio Code*                                       November 2024

- Designed and developed a full website from scratch using HTML and CSS, applying advanced styling and layout techniques to ensure a responsive and visually engaging user experience.
- Authored an in-depth analysis on cybersecurity and artificial intelligence, exploring their transformative potential alongside the ethical, operational, and security risks of mismanagement.

## Certifications

CompTIA IT Fundamentals+ (ITF+) Certification | Google Cybersecurity Professional Certificate

## Education

**George Mason University**                                                          August 2024 - May 2028

*Bachelor's in Information Technology, Cybersecurity Concentration, **GPA:** 3.93/4.0, Dean's List*                    *Fairfax, VA*

Courses: Information Security Fundamentals, Multimedia and Web Design, 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

# Extra-Curriculars

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**Cascades Library**                                                            June 2022 – August 2022

*Literary Analyst and Reviewer*                                                      *Cascades, Virginia*

- Contributed as a volunteer at Cascades Public Library, providing detailed, analytical reviews of novels to assess their quality and relevance for readers.
- Authored over 10+ comprehensive blog posts, offering in-depth reviews and insights on various books to engage and inform the library's audience.