

EDUCATION

Georgia State University

Bachelor of Science in Computer Science

Atlanta, GA

- GPA: 3.70, Microsoft Scholar 2024.

CERTIFICATIONS & SKILLS

Certifications: ISC2: Certified in Cybersecurity, Microsoft Cybersecurity Analyst Professional Certificate, CodePath CYB 101 & CYB 102.

Tools: OSINT, John-the-ripper, SIEM, Wireshark, Virustotal, nmap, Cyberchef, Shodan, Metasploit-Framework, Docker, Azure Active Directory (Entra ID).

Technical Skills: Python, Kali Linux, VMware Workstation, Password Hashing, Network Security, Threat Detection & Mitigation, Identity & Access Management (IAM), Malware Analysis, Incident Response & Investigation.

WORK EXPERIENCE

Mission Omega

September 2024 - Present

IT & Security Intern

Remote

- Reviewed 1,800 security policies, assessed compliance, and organized them into categories (Analyze, Req. Details, Requirement, and Duplicate) to improve policy management and ensure adherence to security standards.
- Imported vendor and software license data from Excel into HaloITSM, assigned licenses to users, and created automated monthly reports to track asset costs, increasing accuracy and efficiency in software cost management.
- Currently working with Microsoft Purview, focusing on data classification, risk assessments, and role-based access control (RBAC) to enhance data governance and security measures.

Georgia State University

January 2025 - Present

Learning Environment Support Technician - IIT

On-Site

- Managed the availability, installation, maintenance, and repair of IT/AV-enabled devices across collaborative spaces, ensuring seamless operations and functionality.
- Delivered efficient technical support through the ServiceNow ticketing system, promptly resolving issues to reduce downtime and enhance user satisfaction.

PROJECTS

Real-Time Intrusion Detection System | Python, Scapy, Sklearn, NumPy, Threading, Logging, Nmap

February 2025

- Developed a real-time Intrusion Detection System (IDS) using Python, leveraging Scapy for packet capture, machine learning (Isolation Forest) for anomaly detection, and signature-based rules to identify threats, improving network security monitoring.
- Implemented a modular detection pipeline with a traffic analysis engine, hybrid detection mechanisms, and an alert system that logs and escalates threats, increasing system transparency and response efficiency.
- Tested and validated IDS performance using mock attack simulations, including SYN floods and port scans, ensuring accurate threat detection and demonstrating system effectiveness.

Azure Active Directory (Entra ID) | Azure Active Directory (Entra ID)

February 2025

- Configured Single Sign-On (SSO) and implemented Conditional Access policies using Azure AD to secure application access and enhance user authentication.
- Improved security and user experience by enforcing MFA, location-based restrictions, and simplifying login processes through automated configuration.

GSU Technology Immersion Challenge (CTF) sponsored by Truist | OSINT, CyberChef, Wireshark, Docker

November 2024

- Led Cipher Soldiers as team captain to a top 10 finish (10th of 27 teams) in the CTF challenge, by solving 8 of 10 challenges and earning 4,525 points.
- Enhanced cybersecurity skills across reverse engineering, forensics, cryptography, and pwn categories through strategic problem-solving and collaboration.

Incident Response Simulation | SIEM, Virus Total, Wireshark, Splunk

April 2024

- Accomplished a simulated incident response by orchestrating and executing an investigation utilizing a range of cybersecurity tools, including Wireshark, Splunk, and SIEM to identify and mitigate security incidents.
- Analyzed traffic logs and extracted relevant threat intelligence to detect anomalies, utilizing Splunk dashboards to create insightful visualizations of threat events.
- Investigated indicators of compromise (IoCs) and used VirusTotal to assess potential malware threats, improving response efficiency by 15% compared to previous exercises.