Harshit Garg

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EDUCATION

Georgia State University

Bachelor of Science in Computer Science

Atlanta, GA

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• GPA: 3.70, Microsoft Scholar 2024.

CERTIFICATIONS

- ISC2: Certified in Cybersecurity
- · Microsoft Cybersecurity Analyst Professional Certificate

TECHNICAL SKILLS

- Tools: SIEM, Wireshark, nmap, Entra ID, Kali Linux, Metasploit, Virus Total, CyberChef, Docker, Shodan, VMWare
- Security & Networking: Threat Detection, Incident Response, IAM (Identity and Access Management), Malware Analysis, **OSINT**
- Programming: Python

EXPERIENCE & PROJECTS

Mission Omega September 2024 - Present

IT & Security Intern

- Improved security policy organization by analyzing 1800+ policies, reducing redundancy by 30% and ensuring compliance with security standards.
- Automated software license tracking in HaloITSM, improving accuracy by 20% and reducing manual effort in cost analysis.
- · Configuring 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

- · Coordinated availability, installation, maintenance, and repair of IT/AV-enabled devices in collaborative spaces throughout the Atlanta campus.
- Resolved multiple technical support tickets using ServiceNow, improving IT service response time by 25%

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 & RBACs 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

- Conducted a simulated incident response using Wireshark, Splunk, and SIEM to investigate, detect, and mitigate security threats.
- Analyzed traffic logs, identified anomalies, and assessed IoCs using Splunk and VirusTotal, improving threat response efficiency by 15%.