Obsan Muzemil

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SUMMARY

Cybersecurity professional with CompTIA Security+ and PenTest+ certifications, graduating with a BS in Cybersecurity. Proficient in Wireshark, Nmap, Elastic Stack, Burp Suite, Hydra, and Microsoft Office. Experienced in computer security, cyber operations, and vulnerability assessment. Interned as a Cybersecurity Risk Assessor, identifying threats and reporting to public sector entities.

CERTIFICATIONS

CompTIA Security+| CompTIA PenTest+

EDUCATION

Metropolitan State University   Aug '22 - Aug '24

Bachelor of Science: Cybersecurity GPA 3.7 cum laude| | Saint Paul, MN

Network , Cryptography, Information security, Cyber Operations, Vulnerability assessment, Operating Systems,

PROFESSIONAL EXPERIENCE

Cybersecurity Risk Assessor Intern   Jan '24 - May '24

Metro State Cybersecurity/ MN IT | Saint Paul, Mn

- Collaborated with fellow interns, faculty, and MN IT personnel to explore security needs and concerns, leading discussions and delivering presentations that **heightened security awareness for the public entity**
- Evaluated the security posture of IT environments for two public entities, identifying potential vulnerabilities and threats.
- Crafted detailed security reports describing identified vulnerabilities and potential risks, referencing NIST and CIS safeguards as benchmarks, with a focus on **Manual Asset Management and Lack of Formal Procedures**
- **Recommended** for advanced firewall protocols, data encryption, security audits, MFA, SIEM solutions, automated patch management, user training programs, and incident response plans that align with CIS IG1 and NIST

Cyber Security Career Challenge Intern   Feb '24 - May '24

NcYTE | Remote

- Led the deployment, setup, customization, and maintenance of a Thunderbird email server, researching and **implementing secure, client-serving free email server technology**
- Implemented MySQL-based database management systems and software for the project, overcoming **resource constraints** by leveraging open-source solutions

Collegiate Cyber Defense Competition(CCDC)   Aug '23 - Feb '24

- Successfully **prevented** over 95% of brute-force attacks, malware infections, unauthorized network access, vulnerability exploits, and phishing attacks. Ensured security, prevented data breaches, and **mitigated cyber threats, reducing potential security incidents by 80%**
- Utilized Fail2ban, ClamAV, iptables, and OpenVAS to make an e-commerce setting safer during the CCDC, leading to a significant decrease in system vulnerabilities. **Tracked, eradicated, and documented cyber incidents from initial detection** through final resolution **while defending**

PROJECTS

Student Management System | C | Developed a C-based Student Management System with features for adding, removing, modifying, and displaying student records, utilizing GCC for compilation and Git/GitHub for version control.

KEY SKILLS

Technical Support,Wireshark, Nmap Elastic Stack, Burp Suite, Hydra, Microsoft Office , Port & Vulnerability Scans, C, Python,Windows, Linux