

EDUCATION & CERTIFICATIONS

Webster University, School of Business and Technology
Bachelor of Science in Computer Science (Cybersecurity)

Aug. 2022 — Dec. 2024
St. Louis | GPA: 3.88

1. CompTIA Security+
2. ISC2 CC Certified in Cybersecurity

EXPERIENCE

Clementine's Naughty and Nice Creamery, Purveyor of Ice Cream

Jun. 2024 — Present

- Provided exceptional customer service while also contributing to operational efficiency by setting up and troubleshooting technical equipment.

University of Health Sciences & Pharmacy, Risk Analyst Technician

Jan. 2022 — Jun. 2024

Hegazy Laboratory

- **Implemented a robust data security infrastructure** by configuring a Synology NAS system with a RAID 1 array, resulting in 72TB of primary & backup storage and an extra 18TB allocated for disaster recovery.
- **Enhanced system performance and reliability** by installing AmberMD on local machines and the Washington University Compute Cluster, and innovating Docker images.
- **Applied analytical skills** to conduct computer-aided molecular dynamics simulations via AmberMD suite to investigate structural and dynamic properties of nuclear hormone receptors.

B-Motors LLC, Automotive Technician

Jan. 2021 — Aug. 2021

- **Improved operational efficiency** by creatively developing a Python script employing web automation using Selenium to enhance efficiency of administrative tasks by 40%, enabling bulk export of customer quotes when reaching capacity.
- **Demonstrated strong interpersonal skills** through effective communication with customers, comprehensively diagnosing vehicle issues to deliver satisfactory solutions.

SKILLS

Technical: Network Security Assessment, Penetration Testing, Vulnerability Assessment, Risk Management, Linux Server Deployment, NAS/HPC Cluster Management

Programming Languages: C++, Python, Java, Lua, SQL, TypeScript

Software: Docker, Wireshark, Nmap, Fiddler, Metasploit, ArcGIS

ACTIVITIES

Game Development & Cybersecurity Research, ROBLOX

May. 2017 — Present

- Developed and maintained multiple Roblox experiences, demonstrating proficiency in Lua programming.
- Conducted cybersecurity research, including vulnerability identification and exploitation, to enhance game security.
- Contributed to the Roblox community by submitting bug bounty reports and providing security recommendations.

CyberUp (Nationwide Competition), Team Captain

Aug. 2020 — May. 2022

- Led a team to **consecutive first-place finishes** in a national cybersecurity competition, demonstrating strong leadership and problem-solving skills on the CyberSkyline platform.
- **Developed expertise in various cybersecurity domains** through participation in Capture the Flag tournaments, including network intrusion, forensics, and cryptography.

PROJECTS

Network Security Assessment, Nmap, Wireshark, Kali Linux

- **Demonstrated proficiency in network security tools** by conducting a comprehensive vulnerability assessment of an internal network. **Identified and mitigated potential security risks** using Nmap for port scanning, Wireshark for packet analysis, and Kali Linux for penetration testing.

In-Game Chat Translator, Node.JS, WSL Ubuntu, JavaScript, Lua

- **Developed a cross-platform application** using Node.JS, WSL Ubuntu, JavaScript, and Lua to facilitate real-time in-game communication. **Integrated with the Google Translate API** to provide accurate and efficient language translation services.

Moderation Systems, Trello, Lua, Discord-JS, JavaScript

- **Implemented a robust moderation system** using Trello, Lua, Discord-JS, and JavaScript to maintain a safe and enjoyable online environment. **Streamlined community management** by automating tasks such as player bans and hacker identification.