

EDUCATION

University of Delaware

Bachelor of Computer Science (with Hons., focus in Cybersecurity)

Newark, Delaware

Jun 2019 - May 2023

EXPERIENCE

Corporate Services Company

Information Security Intern · Enterprise Technology Identity and Access Management

Wilmington, DE

Jun 2022 - Present

- : Learning common Enterprise IAM platforms and tools such as ForgeRock, SailPoint, Azure Active Directory.
- : Learning how to incorporate modern Information Security best practices into Enterprise Technology operations such as Zero Trust, DevSecOps
- : Cleaning in Active Directories Groups
- : Experience with a wide array of software and tools including Jenkins, RedHat OpenShift, Active Directory
- : Experience with a team project management skills like the Scrum Sprint Lifecycle, Agile Lifecycle

MOE 365 FRC Robotics Team

Student Volunteer · Electrical Team

Wilmington, DE

Sep 2017 - Apr 2018

- : Helped design and engineer a competitive robot to compete in First Robotics Competition events, placing 2nd in our division at Worlds in Detroit.
- : Designed and implemented circuitry that was both light and resilient to being hit.

Chipotle Mexican Grill

Service Manager · Shift Lead

Newark, DE

Mar 2019 - Aug 2021

- : Reliably run shifts and aid any arising crises as a store manager, train and lead a team of adept crew members, and efficiently delegate tasks to ensure meeting throughput goals.
- : Use and adjust forecasted sales to stock and prep efficiently, maintain kitchen and networking equipment and technology, ensure food safety standards and a clean and safe work environment.
- : Uphold Four Cornerstones of Hospitality to ensure consistently enjoyable customer experience.

PROJECTS

Secure Hypervisor Network Model: Created a secure network model running on a VMWare Hypervisor, with hardened Ubuntu servers, a pfSense firewall, Suricata IDS, centralized logging, Splunk SIEM, and Zeek Network Monitoring System. Tested for possible threat vectors with openVAS scanning.

Unix-like Shell: Created a functioning Unix-like shell similar to Bash and Tcsh, written in C language. Able to keep track of, manage, and execute processes, traverse OS path, and use and modify environment variables.

AVL Tree: Created a functioning auto-balancing binary search tree in C++, a binary search tree that rotates segments as nodes are added to maintain balance.

UDP Socket Project: Created UDP client/server scripts to send packets over a network via socket interfaces, computes the checksum of sent packets to find errors, compares sequence numbers to check for packet loss.

PROGRAMMING SKILLS

Languages: C , Python , Java , PowerShell , Bash **Technologies:** Scanning , Cloud Software , Automation and Scripting