Eli Mason

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elimason.tech

CCNA certified Network Engineering enthusiast with an impressive Cisco Networking home lab. Loves networking, programming, and computer hardware. Obsessed with learning about new technologies and experimenting with computers. Fast learner and good at communicating. Good at configuring and maintaining Cisco networking equipment, and troubleshooting network issues.

Certification

CISCO
- CCNA (Cisco Certified Network Engineer) - December 2023

Hands-On Experience

NETWORKING

Cisco Networking Home Lab
- Configured Cisco 2921 router and SG300-10 switch with VLANs and Router on a Stick functionality, used access lists to restrict certain services to management only
- Reconfigured a Windows PC to run Ubuntu Linux and connect to the network as a server
- Created Docker containers to run multiple NGINX websites from one machine and used Cloudflare Tunnel to gain remote access
- Configured Mediawiki server using a Docker container and adjusted PHP settings

COMPUTERS

Software
- Proficient in Python syntax and programming
- Can navigate a Linux terminal; create and delete directories and install packages
- Familiar with and continuing to progress in learning C++, SQL, web development languages (HTML, JavaScript, and CSS), and PHP

Hardware
- Built multiple computers from scratch using individual components
- Improved existing computers with RAM and GPU upgrades
- Troubleshooted malfunctioning computers

Education

- High School education - August 2022-Present, Sophomore, Running GPA 4.0
- Derek Owens Computer Science - August 2023-Present, First Semester Grade 104.3
- Member of Johns Hopkins University Center for Talented Youth (gifted program) - 2017-Present

Extracurriculars
- Piano - 5 Years Total
- Guitar - 2 Years Total
- Drama - Fall 2023