

Caleb Barton

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EDUCATION

Brigham Young University

Apr 2024

Bachelor of Science: Cybersecurity, Emphasis in Computer Networking

Provo, UT

- GPA 3.4
- Advanced Networking
- Wireless Networking
- Digital Communications

SKILLS

Proficient- Aruba AOS, Aruba CX, Cisco IOS, Microsoft Excel, AP provisioning using Aruba MM, Ekahau Wireless Design, Linux OS, Windows OS, Layer 2 networking

Moderate- OSPF, BGP, Static Routes, JavaScript, Node.js, HTML

Beginner- Python(Developing network automation skills using Python through a UDEMY course), Multicast

EXPERIENCE

Brigham Young University

Aug 2023-Present

Network Engineer

Provo, UT

- Quickly automated and coordinated new switch configurations and cutovers using Microsoft Excel for a large layer 2 domain environment (over 15 switches)
- Reviewed campus building wireless designs requirements and created new designs using Ekahau software and sidekick to successfully meet business requirements, resulting in lower costs
- Demonstrated complex problem solving skills by auditing network equipment and the many variables associated with them, jacks, switch ports, connected equipment, MAC addresses, hostnames, etc. using Microsoft Excel. (Ensured that hundreds of access points were in the correct location.)
- Helped clean up potential misunderstandings in networking standards, and contributed to a *Confluence* database of BYU networking standards
- Excellent understanding of regulatory compliance such as HIPAA, FERPA by working for a university for 4 years

Brigham Young University

Apr 2022-Aug 2023

Network Technician

Provo, UT

- Installed new networking equipment such as access points, switches, and cabling
- Helped upgrade campus cabling from CAT 5e to CAT 6a
- Lead a team of students in cabling upgrades

RELATED PROJECTS

- Created a trail capacity monitoring system using LoRa wireless communications protocol, Chirpstack, and a Node.js web app
- Set up an Active Directory Domain environment for BYU's Cybersecurity Research Lab
- Configured OSPF with BGP routes on Cisco IOS in GNS3

VOLUNTEER EXPERIENCE

The Church of Jesus Christ of Latter-day Saints

Feb 2018-Feb 2020

Missionary

Portland, Oregon

- Excellent communication skills developed by talking with strangers about Jesus Christ every day
- Self starter skills gained by planning and setting goals everyday and once a week that were determined by me and a missionary companion.

OTHER SKILLS/ACHIEVEMENTS

- Spanish
- Eagle Scout

