Alex Andre Aoun

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Education

B.S. in Computer Networking and Cybersecurity
Champlain College, Burlington VT
Expected graduation: Fall 2021
GPA: 3.21
Clubs: Cybersecurity Club, Digital Forensics Association

Skills

- Windows/MacOS/Linux Administration
- Proficient in Programming languages Java and Python
- CAD: Solidworks
- Virtualization: VMWare, Proxmox, Hyper-V
- Computer Networking
  - VLANs
  - Super/Subnetting
  - Routing Protocols
  - Diagnostics
- Computer Security
- Computer Repair and Diagnostics

Work Experience

Andover High School, Robotics Club
Andover, MA
CAD Operator   Fall 2013 - Spring 2016

- Constructed 3D parts for my Robotics team
- Instructed younger students on how to use the software

The Town Of Andover, Department of IT
Andover, MA
Summer Intern   Summer 2016

- First foray into the enterprise
- Re-imaged computers all throughout the district (12 sites)
- Prepared new computers for senior employees
- Cleaned up and installed networking equipment in IDFs and MDFs

FIRST Robotics
Greater Massachusetts Area
Field Technical Advisor   Spring 2017 - Fall 2018

- Helped students troubleshoot issues with their robots
- Performed Field Inspection to make sure robots were adhering to the rules and were functioning properly
- Assisted with wireless issues on the field and during matches

Work Experience - Continued   **Senator Patrick Leahy Center for Digital Investigation**
Burlington, VT

Student Intern   Fall 2016

- Worked on the Raspberry Pi Forensics research project

Summer Network Admin   Summer 2019

- Teacher Assistant for the annual Summer Academy for students, learning Digital Forensics, Cybersecurity, and Law
- Continued several ongoing projects from the Spring semester
- Cleaned and re-imaged the LCDI network of Research machines
- Create and setup VMs in vCenter

Fall System Admin   Fall 2019 - Current

- Responsible for the LCDI network
- Assist with troubleshooting
- Manage accounts and computers for the LCDI workforce
- Deploy new systems
- Create and setup VMs with permissions in vCenter
- Setup new networks for different teams

Homelab Experience
Fall 2016 - Ongoing

- Established a local lab containing:
  - Dell R710
  - Dell PowerConnect 5424
  - Supermicro X8DTL-i
  - Ubiquiti EdgeRouter X
- Hypervisors - Proxmox
  - VMs:
    * Windows Server 2019
    * Windows AD Domain
    * Cent OS Webserver
    * Observium
    * Ubuntu Server - Honeypot
    * Ubuntu Server - SSH in
    * Mac OS Mojave
    * Plesk (Still Learning)
- FreeNAS Storage Solutions
  - Samba
  - NFS
  - iSCSI
- Learning Switch CLI, iSCSI, LAGs and VLANs with 5424/EdgeRouter