

Nathan Higley

COMPUTER SCIENCE STUDENT

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Skills

Languages

C++
Python
Go
Java
x86/ARM Assembly

Administration

Windows Server
Ubuntu/Debian Linux
RHEL/CentOS Linux
Splunk
Grafana

Virtualization

VMWare
VirtualBox
Proxomox
QEMU/KVM
Docker

Security

Kali Linux
Metasploit
Nmap
Gobuster
GDB

Development

Git
GitHub/Lab
GCC
Markdown
HTML/CSS

Education

Liberty University

B.S. IN COMPUTER SCIENCE

- Minor in Mathematics & focus in Cyber Security
- Anticipated graduation in May 2022
- 4.0 Cumulative GPA

Lynchburg, Virginia

Aug. 2018 - Present

Extracurricular Activity

Collegiate Cyber Defense Competition Team Member

LINUX ADMINISTRATOR

- Maintained multiple Linux systems during competition scenarios while conducting incident response.
- Competed in multiple competitions, ultimately placing third at the Mid-Atlantic CCDC regionals in 2020.
- Worked with other members to maintain team infrastructure and practice network.

Lynchburg, Virginia

Nov. 2019 - Present

International Collegiate Programming Contest Team

PYTHON TEAM MEMBER

- Programmed competitively on a team with two other students to solve unique problems using Python.
- Competed at the International Collegiate Programming Contest regionals at Virginia Tech in November of 2019.

Lynchburg, Virginia

Sept. 2019 - Present

Work Experience

Mehoopany Baptist Church

ADMINISTRATIVE ASSISTANT: SPECIAL PROJECTS

- Installed equipment and configured the church network to allow for live streaming with Facebook Live.
- Developed a proposal for the church council on Online Giving and Church Management Software options.

Mehoopany, Pennsylvania

Mar. 2020 - Aug. 2020

The Pennsylvania State University

4-H SUMMER INTERN

- Worked in an office environment to create promotional materials, manage social media, and organize events.
- Utilized Microsoft office products such as Outlook, Word, Excel, and Publisher.
- Coordinated and assisted with multiple youth STEM outreach programs.

Dushore, Pennsylvania

May. 2019 - Aug. 2019

Projects

RecordKeeper

GITHUB.COM/ASTRON8T/RECORDKEEPER

- Dynamic DNS Client for Cloudflare written in Go.

Written in Go

Battery Wallpaper Windows

GITHUB.COM/ASTRON8T/BATTERY-WALLPAPER-WINDOWS

- C++ program to automatically change the background based on battery percentage in Windows.

Written in C++

Record

GITHUB.COM/ASTRON8T/RECORD

- Minimal Python GUI application to record audio for a set amount of time.

Written in Python