

Nathan Higley

COMPUTER SCIENCE STUDENT

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Skills

Languages

C++
Python
Go
Java
x86 Assembly

Administration

Windows Server
RHEL/Debian Linux
Ansible
Bash Scripting
Splunk

Virtualization

VMWare ESXi
Proxmox

Containerization

Docker
Kubernetes

Networking

Palo Alto Firewalls
Cisco ASA
pfSense Firewalls
VyOS Platform
Cisco IOS

Security

Metasploit
Nmap
Gobuster
GDB
Ghidra

Education

Liberty University

B.S. IN COMPUTER SCIENCE: CYBER SECURITY

- Minor in Mathematics & Military Leadership
- Anticipated graduation in May 2022
- 3.97 Cumulative GPA

Lynchburg, Virginia

Aug. 2018 - Present

Extracurricular Activity

Collegiate Cyber Defense Competition Team Member

NETWORKING TEAM LEAD AND LINUX ADMINISTRATOR

- Maintained multiple Linux systems during competition scenarios while conducting incident response
- Administered Palo Alto and Cisco ASA firewalls during competition
- Managed team VMWare ESXi vSphere practice network infrastructure

Lynchburg, Virginia

Nov. 2019 - Present

Cyber Security Defense Club

CLUB OFFICER

- Mentored students beginning to learn cyber security tools and practices.
- Worked with other officers to develop ideas for meetings.

Lynchburg, Virginia

Jan. 2020 - 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 - Dec. 2020

Projects

Blog

BLOG.NATHANHIGLEY.COM

- My personal blog with various CTF and HackTheBox writeups as well as some Linux tutorials

Written in Markdown

DisLog

GITHUB.COM/ASTRON8T/DISLOG

- Small python program to monitor and transmit logs of Linux systems to a Discord channel for increased visibility

Written in Python

Char

GITHUB.COM/ASTRON8T/CHAR

- Small python program which converts ASCII codes to chars and vice versa, mainly for use in CTF style competitions

Written in Python

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++