# Michael Scalzetti

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#### Objective

Available May 2022 - December 2022 Seeking a cyber security co-op between May and December of 2022 which focuses on networking, physical security, application security, or programming.

### Skills

Programming languages: Python, Java, C, SQL

**Operating Systems:** Windows, Linux/UNIX

Skills: Git, Docker, OOP, VMware, Networking, Active Directory, Arduino

## Employment

SUNY Upstate Medical University, Syracuse NY **IMT** Intern

Worked with Upstate's IMT Networking group, managing their enterprise Cisco network which connects thousands of computers, medical devices, office appliances, and personal devices. Responsible for cleaning fiber cables, deploying UPS's, patching network jacks, and managing mobile temperature tags. Also responsible for helping engineers replace switches and access points.

#### Education

# Rochester Institute of Technology, Rochester NY

Bachelor of Science Degree, Computing Security GPA: 3.33 Dean's List

#### Projects

#### **Personal Server Management**

A way to gain experience with technologies that would be otherwise not possible, such as Proxmox, Docker, SSH, and other various server management tools. This homelabbing project facilitates the practice and development of networking and security skills as it gradually scales in size over time to include more services. Summer 2019-Winter 2021

#### A Star Maze Solver (Rewrite)

A java program designed to read, solve, and draw the solution to a maze. The project was devised to incorporate new tools and techniques I had learned at school. The project was later refactored, resulting in the code being significantly faster, more space efficient, and easier to read. Winter 2020

# **Vulnerability Assessment Project**

Worked with a team, to assess a theoretical company's network based off documentation, generating a full vulnerability report including vulnerabilities' CVE ID, the threat level, the likelihood a vulnerability would be exploited, and steps the company could take to secure their network.

# Competitions

#### Hack Upstate 14

Worked with 2 fellow students to develop a program that emulated a drum pad using a combination of an Arduino, a laptop running python, and MIDI software. - Won the Best Hardware Hack award Hack Upstate 13 Spring 2019

Solo project involving getting control of a remote-controlled drone using an unprotected telnet port. Coding Competition, Jamesville-DeWitt High School Winter 2019

Lead a small team at an event where we competed to complete coding projects under a strict time limit. Hack Mohawk Valley Fall 2018

Worked with 2 fellow students to create a web site that would collect and store data using SQLite which would later be displayed as part of a community project. Fall 2018

#### Hack Upstate 12

Worked with a team to create a chat bot and API wrapper for TCGPlayer. It had the functionality to query for, and display product information, and was later developed by our team into a standalone Python API wrapper for the TCGPlayer API. - Won the Best User Experience Award

#### Fall 2020-Current Expected Spring 2024 Spring 2021 Fall 2020

# Fall 2020-Current

Fall 2019

Summer 2021