Shane Mongan

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EDUCATION

Rochester Institute of Technology

BS in Computing and Information Technologies - 3.95 GPA

Greece Odyssey Academy High School

Regents Diploma & International Baccalaureate Certificate

2020 - Current

WORK EXPERIENCE

IDEX Health and Science

IT Systems Co-Op

- Provided desktop support to both on-site and remote employees
- Performed regular hardware repairs, utilizing warranty services when available
- Deployed and decommissioned hardware in line with regulatory compliance
- Relocated and reconfigured a Linux file server and web server
- Established environmental monitoring in the new networking closet

Monroe 2-Orleans BOCES / Greece Central School District

Co-Op Shared Technician

- Helpdesk and responding to tickets
- Maintaining networking closets and other critical infrastructure
- Coordinating with teams across multiple locations to complete projects
- Repairing and re-imaging desktops, laptops, and Chromebooks

SKILLS

Programming:

- Java
- Go
- C & C++
- Python
- Bash & Powershell

Web Development:

- HTML, CSS, JavaScript
- · Fullstack with SvelteKit

Databases:

- MvSQL & MariaDB
- Postgres

Operating Systems:

- Linux
- Windows

DevOps:

- Google Cloud
- Docker & Docker Compose

AWARDS & RECOGNITION

Dean's List - Rochester Institute of Technology

Eagle Scout - Boy Scouts of America

Spring 2022 - Current December 2018

PROJECTS

Homelab

Since 2016 I've been self-hosting a number of services, mostly containerized in Docker.

Admin Editor

A pseudo-content management system I wrote for a web development group project. It let everyone easily add and modify our site's pages in the database, and supported autogenerating the main site navigation.

Minecraft - Elasticsearch Plugin

A Minecraft server plugin which captures in-game events and uploads them to an Elastic stack for logging and creating dashboards / visualizations.

Covid Bot

In 2020 I wrote a bot to automatically download my school's covid case reports and upload them to a Discord server each day, hosted on Google Cloud.

EXTRACURRICULAR ACTIVITIES

Cyber Security Club

2020 - 2021

• Participated both attack and defense cybersecurity competitions

 UB Lockdown
CyberSEED • NECCDC

Boy Scouts of America

2013 - 2020

• Regularly held leadership positions (SPL / ASPL)

• Over 500 hours of volunteering / community service



April - August 2023

May - August 2022