Shane Mongan

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shanemongan.com

EDUCATION

Rochester Institute of Technology   2020 - Current
BS in Computing and Information Technologies – 3.95 GPA

Greece Odyssey Academy High School   2013 - 2020
Regents Diploma & International Baccalaureate Certificate

WORK EXPERIENCE

IDEX Health and Science   April - August 2023
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 lines 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   May - August 2022
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:
- MySQL & MariaDB
- Postgres

Operating Systems:
- Linux
- Windows

DevOps:
- Google Cloud
- Docker & Docker Compose

AWARDS & RECOGNITION

Dean's List - *Rochester Institute of Technology*   Spring 2022 - Current
Eagle Scout - *Boy Scouts of America*   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 auto-generating 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 scrape my school's covid case reports and upload them to a Discord server each day. Hosted it in a container on Google Cloud.

EXTRACURRICULAR ACTIVITIES

UNH Cyber Security   2020 - 2021
- Participated both attack and defense cybersecurity competitions
- NECCDC   • UB Lockdown   • CyberSEED

Boy Scouts of America   2013 - 2020
- Regularly held leadership positions (SPL / ASPL)
- Over 500 hours of volunteering / community service