MATTHEW OLEY

Third Year Student at RIT seeking Summer CO-OP

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EDUCATION

Bachelor of Science in Software Engineering, Minor in Web Development

Rochester Institute of Technology

Anticipated May 2027   Rochester, NY   Honors Program   Performing Arts Scholar   3.61 GPA

EXPERIENCE

Software Development Co-Op

Emerson Electric Professional Tools Software Solutions

Aug 2024 – Nov 2024   Elyria, OH

- Developed and unit tested development tasks in .net framework.
- Participated in requirements gathering and breakdown sessions with marketing and development teams.
- Designed and Edited MSSQL stored prodecures and DBMS configurations.
- Brought website pages into compliance with modern web standards and ADA compliance.

Software Engineer

Booz Allen Hamilton

Jun 2024 – Aug 2024   Annapolis Junction, MD

- Developed a machine-learning-driven audio processing and analysis platform for acoustic keylogging.
- Designed and implemented responsive mobile-first user interface.
- Leveraged automated testing, CI/CD, and containerization to engineer performant and maintainable code.
- Presented capability to company executives.

PROJECTS

Twilight — Ongoing Personal Project

mroley1/twilight

A Dungeons and Dragons map creation tool that enables a user to occlude parts of the map during gameplay. Made with Angular 18.2.

Online Grimoire — Personal Project

mroley1/Online-Grimoire

Web tool to emulate the game board of the social deduction game Blood on the Clocktower. Built using vanilla JavaScript and CSS.

Personal Website — Personal Project

mroley1/mroley1.github.io

Website written in vanilla HTML, JavaScript, and CSS. Used to promote myself and showcase my experience and projects.

LEADERSHIP AND INVOLVEMENT

Boy Scouts of America
Eagle Scout

Computer Science House
Member

RIT Honors Program
Member

TEDxRIT
Web Designer

SKILLS AND TECHNOLOGIES

Web Development   Agile   Linux   Windows   UML and ER diagramming   SQL   MongoDB   GIT   CI/CD

JavaScript   TypeScript   HTML   CSS   SASS   Java   C#   Python   Rust   C/C++