






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.
- Participated in requirements gathering and breakdown sessions with marketing and development teams.
- 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

 mrolei1/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

 mrolei1/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

 mrolei1/mrolei1.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++