

# MATTHEW OLEY






Third Year Student at RIT seeking Spring 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    3.67 GPA

## EXPERIENCE

Software Engineering Co-Op

Benco Dental

 Jun 2025 – Aug 2025    Pittston, PA

- Improved efficiency of production systems by altering SQL procedures and data mappings.
- Implemented React components that eagerly load and render data from parallel API calls.
- Developed in-house scripts to generate entity framework configurations from existing database schemas.
- Wrote unit tests and functional tests for all contributed code.

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 with a live demonstration.

## SKILLS AND TECHNOLOGIES

Web Development   ASP.NET   React   Angular   SQL   Agile   GIT   Docker   UML and ER diagramming  
JavaScript   TypeScript   C#   HTML   CSS   SASS   Java   Python   Rust   C/C++

## PROJECTS

Twilight – Ongoing Personal Project

 mroleys1/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

 mroleys1/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

 mroleys1/mroleys1.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