MATTHEW OLEY

Fourth Year Student at RIT seeking Spring CO-OP

@ matthew@mroley.dev   ● Dallas, PA   🌐 www.mroley.dev   in mroley   ○ mroley1

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 | Kubernetes | SQL | Agile | GIT | Docker |

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

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 and deployed on an OKD Kubernetes cluster.

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 |