

# Luke McEwen

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**Objective:** Seeking to leverage expertise in automating processes, securing applications, and optimizing system performance to protect and enhance organizational infrastructure.

**Education:** **Rochester Institute of Technology** **Rochester, NY**  
Bachelor of Science in Computing Security Expected May 2025

**Courses:** Reverse Engineering Malware, Programming for Information Security, Network Services, Systems Administration, DevOps Practices & Principles, Penetration Testing, Web App Security, Computer System Security

**Skills:** **Programming Languages:** Python, Java/Spring Boot, C, Swift, Golang  
**Operating Systems:** Debian, Fedora, Windows, Mac, IOS  
**Software:** Kubernetes, Docker, Ansible, GIT, Postgres  
**Other:** Desire to learn new and necessary skills, work effectively with others, positive attitude

**Projects:**

- Member for a Java based Minesweeper game, using JavaFX, UML diagramming, and backtracking; held meetings, designed a functional GUI
- Created a Java based States and Capitals game using JavaFX, created a hashmap database; includes text input GUI and interactive multiple choice GUI
- Raspberry Pi K3S Kubernetes cluster, hosts modsecurity WAF that proxies to an Apache Server for personal portfolio site, <https://lukemcewen.com>. The site also hosts a Spring API to communicate with Postgres database for personal Swift apps.

**Experience:**

**RIT Student Government** **Rochester, NY**  
**Director of Technology Services** **5/23 - Present**

- Hired a team of skilled employees through interview process with over 100 applicants
- Manage a group of 4 employees who work on RIT Pawprints <https://pawprints.rit.edu>
- Attend campus wide meetings in order to represent the voice of the student body
- Leading a full revamp to the site which will remove legacy code and improve speeds of the site

**Charter Communications** **St. Louis, MO**  
**Cybersecurity Engineer Intern** **5/24 - 8/24**

- Developed spring boot app for legacy systems to connect to Delina API and update passwords without needing to restart the application.
- For applications in Kubernetes the connection was done through external secrets a Kubernetes CRD to connect to Deliana and update passwords through Kubernetes secrets
- Attended daily standup meetings to report on the progress of my work with Deliana integration

**Graphic Packaging International** **Atlanta, GA**  
**CyberSecurity Engineer Intern** **5/23 - 8/23**

- Conducted a tabletop training exercise to train and revitalize cyber security department on incident response process
- Performed ticket remediation on vulnerabilities that showed up in log reports
- Participated in daily meetings regarding tools in security stack
- Worked with managed service providers daily on tools in security stack