

# NATHAN STROBL

[nas4635@rit.com](mailto:nas4635@rit.com) | (586) 588-1921 | GitHub: <https://github.com/NathanStrobl> | Portfolio: <https://nathan-strobl.org>

**OBJECTIVE:** Nathan is seeking a software engineering internship/co-op using strong programming skills in C/C++, JavaScript, Java, and/or Python. Available June 2024 – January 2025.

## EDUCATION

### **Rochester Institute of Technology**

Bachelor of Science in Software Engineering

*expected graduation in May 2027*

*Rochester, NY*

- Member of RIT Linux Users Group (RITlug)

## SKILLS

**Programming Languages:** C/C++, Java, Python, HTML, CSS, JavaScript, SQL

**Operating Systems:** macOS, Linux, Microsoft Windows

**Technologies/Software:** Git, SSH, Vim, QEMU, Docker, ReactJS, Angular, Flask, REST APIs

**Interpersonal Skills:** Problem-solving, Collaboration, Communication, Adaptability, Leadership

## PROJECTS\*

### **RIT Auxiliary Services Portal**

*RIT Auxiliary Services Tech*

- Developed an online web portal using React to centralize a suite of internal tools made by myself and other student employees.
- Reverse-engineered REST APIs to integrate other services into our applications.
- Employed Flask for server-side communication with APIs and data processing.
- Collaborated with fellow student employees to design and build this application.
- Improved the workflows of my coworkers and I by automating repetitive tasks and streamlining complex processes.

### **CartCockpit**

*Personal Project*

- Strengthened proficiency in C/C++, Arduino, and low-level programming through this project.
- Created an Arduino sketch that can transform an Arduino board and some additional components into a dashboard for golf carts, closely resembling those found in automobiles.
- Designed a user-friendly interface that utilizes custom fonts and glyphs, optimized for excellent visibility even at far distances.

*\*The above projects can be explored in more detail by visiting my portfolio at <https://nathan-strobl.org>*

## EXPERIENCE

### **Rochester Institute of Technology**

*January 2023 - Present*

Auxiliary Services Tech (Student Employee, Tier II)

*Rochester, NY*

- Providing comprehensive technical support to the Dining division of RIT, focusing mainly on addressing issues with POS equipment and deploying new computer setups.
- Cultivating relationships with dining staff by resolving their issues promptly and professionally.
- Collaborating with coworkers on university-wide data management projects.
- Training and assigning tasks to new student employees.
- Developing and maintaining internal tools to optimize workflows and increase the efficiency of myself and my coworkers.

### **Oakley Industries**

*January 2022 – May 2022*

Co-op Employee

*Clinton Township, MI*

- Participated in a co-op program with my high school at this organization.
- Gained hands-on experience with various manufacturing techniques, including CNC machining and metalworking.
- Supported full-time employees by performing various tasks.

### **Cloverleaf Pizza**

*October 2021 – August 2022*

Manager

*Sterling Heights, MI*

- Prepared the store for opening and closing.
- Worked with customers to resolve any issues they may have had with our products.
- Provided leadership and ensured smooth operations throughout the day.
- Trained and delegated tasks to new employees.