

NATHAN STROBL

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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, Docker, ReactJS, Angular, Flask, REST APIs, PostgreSQL, Spring Boot

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.