

# Richard Sawh

24 Fairwood Drive, Rochester NY, 14623 | [ras7019@g.rit.edu](mailto:ras7019@g.rit.edu) | Cell: 201-214-8404

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## Links

<https://github.com/ricsaw?tab=repositories>

<https://www.linkedin.com/in/richard-sawh-9a39a1176/>

<https://www.richardsawh.xyz>

**Objective:** Incredibly motivated, eager to learn, and ready to work. Seeking a software engineering co-op or internship using skills in Python, Java, C++, SQL, and Solidity      Available June 2023 - August 2023

## Education:

**Rochester Institute of Technology (RIT), Rochester NY**

*Bachelor of Science in Software Engineering*

Expected May 2026

## Relevant Skills

**Programming Languages:** Python, Java, MySQL, PostgreSQL, HTML, C++, C#, Solidity, R, Javascript, CSS, React, Angular

**API:** RESTFUL, Paypal, Google Cloud Asset, Google Maps API/SDK, Yahoo Finance

**Operating Systems:** Windows, Linux/Unix (Ubuntu, Debian, PopOS), Android

## Projects

*Stock Prediction App*, Personal Project

June 22, 2020

- Developed a python program that uses LSTM to predict the prices of stocks in the near future.
- Used Yahoo Financial API to retrieve the tickers and parse them through the application.

*OCR Glasses*, Personal Project

January 2020

- Designed and created a pair of glasses that uses a camera combined with a microcontroller such as a Raspberry Pi Zero W in order to use optical character recognition to process words and relay them to the user through audio.
- Submitted to MIT Think and was awarded Semi-Finalist position.

*Recipe Purchasing Website and Application*, Intro to Software Engineering

Sept-Dec 2022

- Allows users to purchase recipes and have all the ingredients delivered to them through a service similar to Uber Eats.
- A significant contributor to a team of 5 students to model, design, and create the software.
- Uses Google Maps API to retrieve GPS data to track order status.

*Fitness Tracking Application*, Personal Project

Current

- Allows Users to track their caloric intake via manual input or barcode scanning.
- Uses a free-ad-based model to generate revenue.
- User data can be used to suggest workout plans and diet plans (meals included).

## Work Experience

**Complete Document Source**

July 2019 - August 2019

*Software Engineering Intern Specializing in SQL*

- Worked with a team of database engineers to create and manage SQL databases.
- Used MySQL to manage large datasets comprising forensic information.
- Collaborated with team members to automate the creation of datasets.

## **Doordash**

Current

*Doordash Delivery Driver*

- Receive customer orders and deliver quality products

## **Useful Background**

### **Robotics (FTC)**

September 2015 - May 2021

*Team Captain of Highschool Robotics Team*

- Worked with a team of mechanical and software engineers to develop a robot in order to compete in multiple competitions.
- Programmed in Java, specifically geared towards object orientation.
- Worked with the mechanical aspects of the robot.

### **Volunteer at Englewood Library**

June 2017 - August 2017

*Focused on Book Organization*

- Helped the staff organize books.
- Helped customers find and retrieve books.