





ISAAC INGRAM

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OBJECTIVE

To better myself as a software developer and as a person by learning both professional and technical skills through a Summer 2023 Co-Op in embedded development.

EDUCATION

BS Computer Science | [Rochester Institute of Technology](#)

 August 2022 - May 2026

 Rochester, New York

With coursework in Mechanics of Programming, Statistics, Discrete Mathematics, and Differential Equations.

PROJECTS

TruckFood |  [IsaacIngram/TruckFood](#)

An open source Slack App that posts what food trucks will be present at Rochester Institute of Technology each week. The data is scraped from Rochester Institute of Technology's website using Selenium, and the service is run via a Docker container.

Python

Selenium

Docker

Rapid React Robot

 [CommandoRobotics/FRC_Rapid_React_2022](#)

FIRST Robotics Competition robot that won the **Innovation in Control Award** at the Green Country Regional for a sophisticated implementation of software to safely and accurately control mechanical systems. The robot was equipped with a variety of sensors for localization and targeting purposes, including a computer vision system for automatic adjustments to the trajectory of a projectile.

Java

C

Mother Road Detailing |  [IsaacIngram/MotherRoadDetailing](#)

A website built for a vehicle detailing company utilizing an open-source framework. Worked in HTML, CSS, and JavaScript to create a simple yet pleasant and intuitive interface for viewing business information and pricing. Utilized Netlify for hosting and automatic deployment.

HTML

CSS

JavaScript

Netlify

WORK EXPERIENCE

Barista | [Starbucks Coffee Company](#)  Feb 2021 - Present

Craft high quality beverages quickly even under high demand. Work with a team to ensure speed and order accuracy. Interact with customers to create a positive experience.

Leadership

Teamwork

Professional Communication

LANGUAGES

 Java

 Python

TECHNOLOGIES

VSCode

JetBrains IDEs

Git

GitHub

Slack

Trello

Arduino

Raspberry Pi

Motors

Sensors

 MacOS


 Windows

 Linux

ACTIVITIES



Computer Science House

 [csh.rit.edu](#)

- Member  August 2022 - Present
Living-learning community focused on sharing technical skills and knowledge.

FIRST Robotics

 [firstinspires.org](#)

- Team Captain  September 2021 - March 2022
Responsible for organizing and leading the team. Scheduled and ran meetings, advised the team, and ensured everything came together in a timely manner.
- Lead Programmer  September 2020 - March 2022
Wrote a majority of the robot code and managed contributions from other team members. Taught new students how to code and collaborate effectively. Came up with complex software solutions to assist drivers and enhance mechanical systems.