# ISAAC INGRAM

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#### **EDUCATION**

BS Computer Science | Rochester Institute of Technology

**2022 - 2026** 

Rochester, New York

#### WORK EXPERIENCE

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** 

### **PROJECTS**

#### 

A work-in-progress service for syncing tasks from Apple's Reminders application with databases on Notion. Utilizes Apple Script client-side and Python serverside.

Python

Apple Script Ubuntu

#### Rapid React Robot | CommandoRobotics/FRC Rapid React 2022

FIRST Robotics Competition robot equipped with a variety of sensors for localization and targeting purposes. Utilized computer vision to automatically adjust trajectory of a projectile. Won the Innovation in Control Award at the Green Country Regional for our sophisticated implementation of software to safely and accurately control mechanical systems.

C Java

### 

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

#### 

A work-in-progress webscraping tool that checks for anything and can notify you when it changes. Utilizes Python Requests to get page information and notifies you of changes through a Discord bot.

Python

## **LANGUAGES**

🕌 Java

Python С

#### SOFTWARE

VSCode Git

GitHub

JetBrains IDE

Microsoft Office

Slack Trello

# **HARDWARE**

Arduino

Raspberry Pi

Breadboard

Soldering Equipment

Multimeter

Motors

Sensors

# OPERATING SYSTEMS

**★** MacOS

**Windows** 

🐧 Ubuntu

## **ACTIVITIES**

#### **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 manor.

• Lead Programmer 

September 2020 - March 2022

Wrote a majority of the robot's code and managed contributions from other team members. Taught new students how to code and how to collaborate effectively.