





ISAAC INGRAM


me@isaacingram.dev @
isaacingram.dev 
isaacIngram 
(918)-728-1665 
isaac-ingram 

OBJECTIVE

To find a summer and/or fall co-op/internship in embedded development or related fields.

EDUCATION

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

 August 2022 - May 2026

 Rochester, New York

GPA: 3.29 | Coursework in Mechanics of Programming, Statistics, Discrete, and Differential Equations.

PROJECTS

SproutChaperone |  [IsaacIngram/SproutChaperone](#)

- Display the current moisture level of plants on an adjacent LCD
- Report data to a remote server for long-term logging
- Display data through an intuitive DataDog dashboard

C++  

TruckFood |  [IsaacIngram/TruckFood](#)

- Webscrape information on local food trucks from RIT's website
- Send that information to Slack through the Slack API

Python 

Rapid React Robot

 [CommandoRobotics/FRC_Rapid_React_2022](#)

- FIRST Robotics Competition robot awarded the **Innovation in Control Award**
- Use computer vision for localization and automated targeting using computed projectile mechanics
- Use complex control algorithms to ensure accurate path following and safe control of other mechanical systems

Java    

WORK EXPERIENCE

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











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

Leadership  


LANGUAGES

C  Java  Python C++

TECHNOLOGIES

VSCode  JetBrains IDEs 
 GitHub  Slack  Trello 
 Raspberry Pi 
 Windows 

ACTIVITIES

Computer Science House
 [csh.rit.edu](#)

- 3D Administrator  January 2023 - Present
 - Manage and repair 3D printers
 - Assist other members in designing, slicing, and manufacturing 3D printed parts
- Member  August 2022 - Present
 - Living-learning community focused on sharing technical skills and knowledge

FIRST Robotics
 [firstinspires.org](#)

- Team Captain  September 2021 - March 2022
 - Schedule and run meetings
 - Ensure everything comes together in a timely manner
- Lead Programmer  September 2020 - March 2022
 - Manage codebase to ensure working code is constantly available
 - Organize and complete programming tasks to meet overarching project timeline
 - Teach new students to code