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 Mathematics, 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++ | Arduino | DataDog

TruckFood | IsaacIngram/TruckFood

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

Python | Selenium

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 | Arduino | Computer Vision | PID | Feedforward

WORK EXPERIENCE

Barista | Starbucks Coffee Company   📅 Feb 2021 – Present

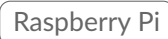- Craft quality beverages quickly under high demand
- Work with a team to ensure speed and accuracy
- Interact with customers to create a positive experience

Leadership | Teamwork | Professional Communication

LANGUAGES

C | Java | Python | C++

TECHNOLOGIES

Git | GitHub | Slack | Trello
Arduino | Raspberry Pi | MacOS
 Windows | Linux

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 manor

- 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