

Adam Ingah

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Summary

Undergraduate electrical engineering student seeking to work with embedded electronics and low level software.

Education

University of Alabama at Birmingham (2021 - 2025)

B.S. Electrical Engineering, University Honors Program.

Relevant Coursework: Electrical Circuits, Object-Oriented Programming, Electronics, Signals and Systems, Electrical Machinery

Extracurriculars

Engineering Prototyping Lab

- Worked with Birmingham Clients to design systems to help support their needs.

Technical Skills

Programming Languages: Java, C, Python, HTML, CSS, JavaScript

Software: Solidworks, Excel, Microsoft Office Suite, LTSpice, Virtual Box, GIT

Hardware: Embedded Rasberry Pi, STM32

Projects

Low Vision Magnifier / Hardware (2023)

- Low vision magnifier for individuals with trouble seeing/reading text. Built using Rasberry Pi, Python's OpenCV library, Tesseract Library, and 3D printed parts

Professional Work Experience

Magellan Midstream / Petroleum Engineering Intern / 2022

- Maintain petroleum terminal up to federal standards
- Assist in Lab testing and Sampling of product
- Facilitate safety inspections and attend safety meetings

UAB Library 3D Printing Lab / Student Assistant / 8/2022 – Present

- Assist patrons with prototyping components for Design courses.
- Service and maintain 3D printers within lab

Alabama Department of Rehabilitation Services / Hardware Engineer Intern / 2023

- Designed open-source devices/hardware based on patient disabilities
- Worked with Clients about engineering devices to aid disabilities.

References (available upon request)
