

Adam Ingah

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Summary

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

Education

University of Alabama at Birmingham (2021 - 2025)

B.S. Electrical and Computer Engineering, University Honors Program.

3.53 GPA

Relevant Coursework: Embedded Systems, Inter/Intranet Application Development, Computer Networking.

Extracurriculars

Engineering Prototyping Lab | Electrical Engineer | 2023

- Worked with Birmingham Clients to design systems to help support their needs.
- Designed open-source devices/hardware based on patient disabilities
- Worked with Clients about engineering devices to aid disabilities.

Technical Skills

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

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

Hardware: Embedded Raspberry Pi, STM32

Projects

Low Vision Magnifier / Hardware (2023)

- Low vision magnifier for individuals with trouble seeing/reading text. Built using Raspberry 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

References (available upon request)
