

MUTHU ADITHYA RAMNARAYANAN

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EDUCATION

College of Engineering, UNIVERSITY OF WISCONSIN-MADISON
Bachelor of Science

Madison, WI
2025

- GPA: 3.7/4.0 (Dean's Honor List)
- Majors: Computer Engineering (Honors) (Junior)

EXPERIENCE

Storyprocess

Bangalore, India
May 2021 - Aug 2021

Software Engineering Intern

- Assisted in the development of AI with a purpose to create storyboards for companies
- Created scripts to automate document creations for clients and creative teams
- Developed custom video editing tools to automate creating of storyboards into sample videos
- Skills - AWS, Python, Nodejs, OpenAI GPT-3, Dall-E, Google App Scripts and Bash

Hexaconcepts

Bangalore, India
Jun 2020 - Aug 2020

Software Engineering Intern

- Deployed chatbots that are accessible by phone calls.
- Researched hiring strategies and shortlisted possible strategies to automate
- Improved the hiring process for the company by 45%
- Skills - Google Cloud, Python, Nodejs, Dialogflow and Tensorflow

Biochemical department @ University of Colorado, Boulder
Research Intern

Boulder, CO
Jul 2019

- Investigated the effect of viscosity and pressure on the shape of a droplet in a Newtonian environment
- Used the boundary-integral algorithm to model the values of the droplet
- Link to [Research Materials](#)
- Skills - FORTRAN, Python and Shell programming

Projects

Javin (Spring 2022)

- Led a team of 4 developers to build a semantic repository search engine using Neo4j and a custom GPT model
- Developed as a part of the DotData Hackathon where we awarded the first place

Musix (Spring 2022)

- Part of a team of 4 developers to build a Spotify Queueing software for parties and group sessions
- Designed a unique data structure to access MongoDB database. We were recognized for our complex use of MongoDB at MadHacks 2023

Fake Currency Detection App (Summer 2020)

- Applied the wavelet theory and built an AI model with 85% accuracy. Implemented the AI using an Android App
- Link to [Project Materials](#)

Certifications

- LinkedIn Data Structure Certificate (2022)
- HackerRank Java Proficiency Certificate (2021)
- Google's Fundamentals of Digital marketing (2021)

Relevant Coursework

OOP and Data Structures using Java, Machine Organisation and Assembly in C, Digital Design Fundamentals, Signal Processing

Other Skills and Technologies

React / Firebase / Azure / Git / Heroku / Docker / MongoDB / Arduino / Figma / Altium / Eagle CAD / Autodesk Maya / Adobe CC / Matlab / Multipass / Postman / Keras / Full Stack Development / Social Media Development / Raspberry Pi / Verilog / Unity / Quartus