

Adhvaith Ravi

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EDUCATION

University of California, Irvine

Bachelor of Science, Computer Science and Engineering

Irvine, California

Graduating May 2027

EXPERIENCE

ChatMaxima

Remote

Machine Learning/Artificial Intelligence Summer Intern

June 2023 – September 2023

- Prototyped and integrated RAG solutions into PDF-reading chatbot using LangChain, OpenAI and Textract, improving customer engagement by 10%
- Programmed and optimized 85% customer segmentation model for customers using TensorFlow using K-means clustering that optimized customer flow by 20%

Jahanikia NeuroLab

Remote

Student Researcher

January 2023 – June 2024

- Collaborated with cross-functional teams to integrate RAG solutions into personality chatbot using LangChain, OpenAI, and Hugging Face, closing communication gaps in texting by 20%
- Presented research findings at 2023 Southern California Conference for Undergraduate Research

Cognixion

Remote

Machine Learning Summer Intern

June 2022 – August 2022

- Pre-processed dataset of approximately 1220 commonly used Gen-Z phrases, enhancing the user experience for Gen-Z and Generation Alpha users
- Developed an intent classification model with 90% accuracy with TensorFlow, streamlining phrase categorization for assistive technologies

PROJECTS

PITAFL (Pantry, Is There Any Food Left?) [\[Link\]](#) | Next.js, Firebase, Material UI

- Inventory tracking application that utilizes CRUD operations to search and track pantry items, using Firebase for user authentication and database management and Material UI and Next.js for the interface

SKILLS

Technical: Python (4 yrs), Java (1 yr), C++ (2 yrs), JavaScript (2 yrs) | AWS, LangChain, TensorFlow, OpenAI, Pandas, React, Next.js, Firebase

Creative: Storytelling, Leadership, Teamwork, Delegation, Agile

Interests: Swimming, history, weight training, running

Activities: Eagle Scout | History Club, President High School | Quiz Bowl Club, President High School