

Raghavendra Raikar

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EDUCATION

University of California, Santa Cruz

Expected Graduation: June 2025

Bachelor of Science in Computer Science

GPA: 3.83

Relevant Coursework: Data Structures/Algorithms, OOP, Software Engineering, Deep Learning, ML, OS, NLP

SKILLS

Languages: Python, C, C++, Java, JavaScript, SQL, Flutter, Swift, Flask, TypeScript

Tools: AWS, React, Node.js, Git, PostgreSQL, Kafka, SQS, Redis, Restful APIs, Microservices, Docker, Kubernetes, Angular, Firebase, Spring Boot, NLTK, Pandas, scikit-learn, Tensorflow, Matlab, Streamlit, Keras, PyTorch, spaCy, BERT, Hugging Face, Microsoft Azure, Django, Flask, Express, SwiftUI, UIKit, Xcode, Linux

Certifications: Oracle Certified Associate Java SE 8 Programmer, AWS Certified Cloud Practitioner

EXPERIENCE

Software Engineering Intern

New York, NY

Beau

July 2024 - Present

- Bridging the gap between client and make-up artist by developing a matching and booking system using **React Native**, **Python** and **Firebase**, setting the stage for a seamless user experience and generating pre-launch interest.
- Enhanced software design, coding, and testing, accelerating feature deployment by 25% and integrated **Jest** for unit testing, ensuring robust and maintainable code.
- Collaborated with co-founders and engineers to ensure scalable launch readiness, focusing on robust **system design** and **data integrity**.

Software Engineering Intern

Mountain View, CA

NASA

June 2023 - May 2024

- Built and improved **10+ features** for the CMS Celestial Mapping System using **Java**, enhancing 3D simulation accuracy and contributing to mission planning.
- Integrated the latest version of GDAL, boosting image projection accuracy by 30%, and added vector features, enhancing crater analysis by 40%.
- Developed **data pipeline and algorithms** for HORUS, improving lunar crater clarity by 25%, and presented the project at the NASA Better Together 2023 conference.

Software Engineering Intern

San Diego, CA

Kitu Systems

March 2023 - June 2023

- Built **Python** program using regex, streamlining client-side requirement extraction for Kitu-Inverter-Client by 70%.
- Cataloged server and client-side requirements, reducing development time by 35% and enhancing team accessibility.
- Conducted TPM testing on the OnLogic Board, achieving a 95% success rate in secure key storage and file decryption.

PROJECTS

PlayPicks (August 2024, ~90 hours) [GitHub](#) play-picks.com

React | Flask | SpaCy | Firebase | Llama | Odds API | RAG

- Built a chatbot with Llama LLM, using RAG and Odds API data to deliver AI predictions, real-time odds, and tailored betting advice. Employed spaCy for conversation labeling and deployed via AWS Amplify, reaching over 100+ users.

PantryPal (July 2023 - August 2023, ~70 hours) [GitHub](#)

Streamlit | Flask | Pandas | NLTK | SKLearn | BeautifulSoup

- Engineered an AI model using Streamlit, Flask, Pandas, NLTK, and SKLearn to recommend recipes based on inputted ingredients, creating a user-friendly interface and enhancing user experience.

Wasteless | CruzHacks 2022 (Jan 2022, ~48 hours) [GitHub](#) [Devpost](#)

1st Place Overall | Best Use of Google Cloud | Best Golden State Hack

Firebase | Firebase Cloud Messaging | Google Maps API | Flutter | Google Cloud

- Developed a food waste app using Firebase, Google Maps API, and Flutter, allowing users to find and collect excess food from dining halls and restaurants, reducing food waste costs by an estimated \$162 billion annually.