Kareena Raghubans

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EDUCATION

University of Central Florida, Orlando, FL — *Bachelors in Computer Science (Accelerated B.S./M.S. Program)*

AUGUST 2023 - MAY 2027

- Relevant Coursework
  - Introduction to C programming, Computer Science 1, Applications of Discrete Structures, Object Oriented Programming, Computer Science 2, Algorithms for Machine Learning
- GPA: 3.5
- Pursuing a minor in Statistics

EXPERIENCE

Part-Time Software Engineer, Orlando, FL —*CodeNook*

December 2023 - Present

- Developed the Generative AI Client Components in React.js allowing users to input their business specifics and tailor custom to themselves
- Leveraged AWS Cognito to create custom authentication and manage user data. This allowed us to seamlessly grow from 2 -13 customers.
- Utilized the OpenAI API to allow users to interface with and develop generated social media content
- Leveraged AWS SNS via an AWS Lambda function that gave us the ability to let users know when their account has been credited on a monthly basis

LEADERSHIP & INVOLVEMENT

Girls Who Code — Mentor, Orlando, FL
August 2024 - Present

- **High School Mentorship (August 2024 – March 2025):** Guided high school students in learning coding fundamentals (Python, Java, and web development) and fostered early interest in technology by making coding approachable and fun.

- **College Mentorship (September 2025 – Present):** Transitioned to mentoring first-year college students, focusing on strengthening foundational programming skills, academic support, and introducing best practices for collaborative coding and career readiness.

PROJECTS

Atticus - AI Legal Assistant
October 2025

- Collaborated with a team to develop a two-stage AI legal assistant using Google Gemini, React, and Node.js, designed to classify and process messy client data for plaintiff law cases.
- Utilized AWS Cognito for authentication, Firebase Firestore for secure user data management, and ElevenLabs Voice API for scheduling and voice interaction.

Theme Park Snack Recommendation App
Present

- Building a full-stack web application that acts as a theme park food recommender, allowing users to input cravings and generate suggestions with location and price details. Leveraging React for the frontend and Node.js for backend services

LANGUAGES

C, Java, JavaScript, HTML, Python, CSS, SQL, Typescript, R

FRAMEWORKS

Node.js, React.js, Tailwind CSS

TOOLS

Visual Studio, Atom, Eclipse, Figma, Jupyter Notebook, MySQL, Trello, GitHub

CLOUD

Amazon Web Services

EVENTS

KnightHacks 2025

Lockheed Martin Code Quest 2022 Novice Division Orlando, FL –Placed First

AWARDS

- UCF Dean's List, Fall 2023, 2024, Spring 2025
- NCWIT Rising Star, 2023
- Florida Bright Futures Florida Academic Scholar, 2023
- UCF Provost Scholar, 2023