Alex Giang

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EDUCATION

Cornell University, College of Engineering   Anticipated Graduation: May 2025
Bachelor of Science in Computer Science, Minor in Electrical and Computer Engineering
Dean's List | GPA: 3.63

Relevant Coursework
Object Oriented Programming and Data Structures, Discrete Structures, Functional Programming, Computer Vision, Digital Logic and Computer Organization, Embedded Systems

EXPERIENCE

Software Engineer Intern   May 2023 - Present
Learn.xyz, San Francisco, CA
- Leading development and deployment of the Minimum Viable Product for an AI-driven, e-learning mobile application
- Utilizing React Native and Firebase to create secure, efficient, and high-performing features
- Engaged in a vibrant startup community, contributing to cross-functional collaboration in a startup ecosystem

Subteam Lead, Software Engineer   Sept. 2022 - Present
Cornell University Solar Boat, Systems Control Subteam, Ithaca, NY
- Collaborating with a 40+ team to plan, design, and build a 14-foot, single occupant boat fully powered by solar energy
- Architecturing the electrical system to connect the solar panels to the motor, motor controller, and batteries
- Developing an Arduino-based backend and frontend to acquire data from the motor to analyze real-time information

Undergraduate Consultant   Jan. 2023 - June 2023
CS 1112 & CS 1132 - Introduction to Computing Using MATLAB, Ithaca, NY
- Held 6+ office hours on a weekly basis, graded homework & exams for a group of over 140 students
- Taught students in introductory to advanced computer science skills with a focus on calculus concepts

Development Intern   May 2022 - Aug. 2022
Miss O Cool Girls NFT & Ethereum Fund, Remote
- Executed Go-To-Market strategies for product launch initiatives utilizing Twitter and Discord platforms
- Facilitated website development and forged partnerships to promote gender-inclusivity in the cryptocurrency field

PROJECTS

JobRocket   May 2023
- Constructing an AI-powered job application platform that streamlines the recruitment process for job seekers
- Engineering a data processing algorithm, integrating technologies such as OpenAI API, BS4, Langchain, and Puppeteer
- Utilizing artificial intelligence to play the role of the user to autonomously search, identify, and apply to job opportunities tailored to each user's unique profile

EatWithMe   May 2023
- Created an app which enables college students to find new friends to eat with at the dining hall
- Employs Firebase and React Native, allowing users to request, match and chat with each other based on their location

TrivAI   Apr. 2023
- Trivia app that uses the OpenAI API to generate customized trivia questions on specific topics
- Designed a user friendly interface that allows users to select preferred topic, difficulty level, and number of questions

LIAM (Listening Integrated with AI Model)   Mar. 2023
- Developed voice integration technology that transcribes and summarizes voice presentations in real-time
- Designed an intuitive user interface which allows users to ask questions and receive contextually-relevant answers
- Leveraged AWS Transcribe and OpenAI API to seamlessly integrate voice and AI, adaptable to various industries

SKILLS AND INTERESTS
- Computer Science: Python, React, React Native, Typescript, Javascript, Flutter, Java, Matlab, OCaml, Verilog, C
- Other Skills: Firebase, AWS, Langchain, Figma, MongoDB
- Interests: Scuba diving, MakerDAO, Chess vienna gambit, Brisk iced tea