

ISAAC NGUYEN

310-707-7440 • isaachugh33@gmail.com • [linkedin.com/in/isaacnguyen33](https://www.linkedin.com/in/isaacnguyen33) • github.com/IsaacNguyen

EDUCATION

University of California, Irvine

Expected Graduation: June 2027

Bachelor of Science in Computer Science

GPA: 4.0

- Relevant Coursework: Data Structures & Algorithms, Probability & Statistics, Computer Organization
- Awards: Dean's Honors List (All Quarters), PBK Fall Book Award

EXPERIENCE

Atoma Media

July 2024 - Present

Software Engineering Intern - Remote

Los Angeles, CA

- Developed end-to-end website for finance startup that uses AI to gather information about financial articles
- Spearheaded development of search history function that utilized Prisma to communicate with Express.js backend and PostgreSQL database, displaying via shadcn and Next.js frontend
- Deployed AWS Lambda function that scrapes financial data **50%** more reliably from articles
- Managed payment functionality for users' subscriptions using the Stripe API and database management

Commit the Change

October 2024 - Present

Full-Stack Developer

Irvine, CA

- Produced digital case management tool to improve efficiency of aiding homeless women/children for nonprofit organization called Colette's Children Home with team of **16** developers
- Collaborated in weekly **Agile sprints** in Scrum environment to deliver incremental product updates
- Participated in developer workshops that encapsulated proper full-stack development practices

ICS Student Council Projects Committee

November 2024 - Present

Software Developer

Irvine, CA

- Contributed to **open source** UCI schedule planner named AntAlamanac, grossing **8,000+** monthly users
- Delivered weekly features to solve issues within website via **Kanban** board and participated in **code review**
- Integrated **GraphQL** to streamline backend communication, reducing data retrieval times

Digital Learning Lab

October 2024 - Present

Undergraduate Student Researcher

Irvine, CA

- Leveraged RAG and fine-tuning processes on Papyrus AI, an instructional LLM used to improve the literacy and writing for K-12 students through individual feedback via **GPT-4's** API

PROJECTS

Faster Fashion | [GitHub](#) | Flask, JavaScript, Python, PostgreSQL, HTML/CSS

January 2024

- Won **Best Use of Google Cloud API** at IrvineHacks 2024 (340+ participants) with team of 3
- Implemented Google Cloud Vision AI into **full-stack application** that detects articles of clothing in inputted images and suggests similar pieces of clothing found in online stores like H&M
- Developed Python algorithm to compare clothing in web scraped database of **500+** articles of clothing

Moove | [GitHub](#) | ReactJS, Node.js, Express.js, Firebase, RESTful API

May 2024

- Won **Best Use of Melissa API/Data Sets** at VenusHacks 2024 (170+ participants) with team of 4
- Constructed full-stack application tailored towards helping college students move out via property ownership verification to prevent fraud when renting a new property and advice to manage finances
- Developed storage of property verification keys and addresses via **Firebase** and Express.js/Node.js backend

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, C++, HTML/CSS, Java, SQL, R

Developer Tools: Git, VS Code, Bash, Eclipse, VS Code Live Share, pgAdmin

Technologies/Frameworks: ReactJS, Node.js, Express.js, Next.js, Flask, PostgreSQL, Firebase, GraphQL