

Mitchell T. Cootauco

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EXPERIENCE

Aware - Founding Full Stack Engineer (Next.js, React, TypeScript, Supabase, Heroku) LA, CA | Aug 2025 - Present

- Developed the main feed and article pages with **5** edge functions and **20+** TypeScript components, making ranked, personalized legislation digestible and easy to understand for **150+** daily active users using structured breakdowns
- Optimized query performance, LCP, and SEO by adding lazy-loading components, paginated main-feed rendering (**20** documents per page), and converting images to AVIF/WebP, improving Lighthouse performance by **17%**

Crimson Consultant Group - Software Engineer, Project Lead (Vue, Firebase) LA, CA | Feb 2024 - May 2025

- Spearheaded a client project for a multi-billion-dollar short-term rental company by directing product development teams to curate a front-end interface for **23,000** monthly active homeowner stakeholders
- Rebuilt the homeowner dashboard, simplifying a cluttered interface to improve clarity and usability for users
- Managed a GitHub repository for a **10-member Agile** team, approving pull requests and resolving merge conflicts

NextFoundArtist - Software Engineer Intern (AWS, Docker, React, TypeScript, Python, FastAPI) Jan - May 2025

- Launched social OAuth routes using TypeScript and Python, increasing account security for users
- Created a Partner user schema using SQL tables and queries, allowing businesses and schools to manage accounts and access their own content independently
- Built type-safe TypeScript components, improving the user dashboard usability across mobile and desktop
- Migrated **15** FastAPI endpoints to Docker containers on AWS Lambda, reducing deployment time by **88%**

HHQueen - Full Stack Software Engineer (Next.js, React, TypeScript, Prisma, Stripe) Feb - Apr 2025

- Optimized database schema with Prisma, improving data management for user profiles, venues, and images
- Designed API functions, including a business-owner warning system, ensuring outdated venues are archived

Valley Veterinary Hospital - Software Engineer Intern (Next.js, React, TypeScript, Supabase) May - Aug 2024

- Developed an Android app and an automated client registration system using React Native Expo that reduced new client entry time by **20%** and removed data-entry errors, allowing vet techs more time to help clients and pets
- Deployed a Next.js web app displaying new client data captured by the Android app, enabling vet technicians to view and copy the new client information
- Integrated a Chrome extension to auto-populate new client information into vet management software, simplifying workflow and minimizing manual data handling, raising the number of new clients by **5%** every month

Loyola Marymount University - Software Engineer Researcher (JavaScript, React) May - Jun 2023

- Designed a web app using React and the eBird API, delivering a clear interface for users to explore avian data
- Resolved API connectivity issues by rectifying the API key discrepancy, ensuring data flow and functionality
- Composed a responsive layout that adapts to various devices, enhancing accessibility and user engagement

TECHNICAL PROJECTS

LMU Hackathon Winner - Woody Click [[GitHub](#)] (JavaScript, React, Python, Firebase) LA, CA | Apr 2023

- Participated in a hackathon focused on the United Nations' 17 Sustainable Development Goals, earning **1st place**
- Developed a "Cookie Clicker"-inspired web app using React and Firebase for user auth and real-time data
- Implemented a Python website scraping script to help users donate to Team Trees, improving user satisfaction

EDUCATION

Loyola Marymount University | Los Angeles, CA

M.S. - Computer Science GPA: 3.9 / 4.0

May 2025

B.S. - Computer Science | Minor in Interactive, Gaming, and Immersive Media

May 2024

Courses: Software Architecture, Deep Learning, Cybersecurity, Data Structures, Algorithms & Analysis, Web

Application Development, Mobile Application Development, Logic and Computer Design, Linear Algebra, Databases

Campus Activities: Crimson Consultant Group, Men's Club Volleyball, League of Legends Team

SKILLS

Languages: TypeScript, JavaScript (React, React Native, Next.js, Node.js, Vue), Java, Python (FastAPI, Beautiful Soup), HTML, CSS (Tailwind CSS), SQL, Swift, C, R

Technologies: GitHub, Supabase, MySQL, PostgreSQL, Heroku, Docker, AWS (Lambda), MongoDB, Redis, Prisma