Jimin Kim

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EDUCATION

University of California, Los Angeles　　　　　　　　　　　　　　　　**Graduation Date 06/2027**
B.A. in Computer Science & Linguistics (3.9 GPA)　　　　　　　　　　　　　　　　Los Angeles, CA

- Relevant Courses: Intro to Computer Science I & II, Software Construction, Computer Organization, Data Structures and Algorithms, Theory of Computing, Discrete Mathematics, Intro to Probability, Linear Algebra and Applications

EXPERIENCE

DevOps Intern – Full Stack Web Development　　　　　　　　　　　　　　**03/2025 – Present**
UCLA Student Media　　　　　　　　　　　　　　　　　　　　　　　　　Los Angeles, CA

- Created **Next.js** user interface components, **Python Flask API** endpoints, and unit testing scripts for BruinLife Photo Studio's internal admin dashboard and client portal, supporting **5,000 users per month**
- Built full-stack solutions for in-house photo package creation, pricing configuration, and appointment management, reducing third-party tool reliance **by up to 70%**

Full Stack Web Developer, Developer Lead　　　　　　　　　　　　　　　**09/2024 – Present**
Inner City Visions (ICV)　　　　　　　　　　　　　　　　　　　　　　　Los Angeles, CA

- Led a cross-functional team of 6 developers and 3 designers through the full software development life cycle of a **Next.js (TypeScript)** client management system, increasing operational and onboarding efficiency **by 50%**
- **Reduced workflow time by 83%** with live service reporting and data visualization for **600+** annual client interactions
- Implemented **CI/CD automation** with **GitHub Actions**, streamlining continuous production releases via **Vercel**

PROJECTS

ClubHouse (clubhouseucla.com) – Next.js, Node.js, Supabase, Tailwind CSS, Resend API　　**03/2025 – 09/2025**

- Launched a UCLA-exclusive club review platform for **1,200+ UCLA clubs** by integrating the UCLA SOLE API with a custom **Node.js and Supabase** backend, reaching **100+ users** within 1 week
- Built **RESTful endpoints** and a **Resend-powered** review moderation system via Supabase edge functions and **SQL**, enabling admin approval workflows and automated email notifications

MeowMate – React Native, Expo, Supabase, Google Gemini API　　　　　　　　　**01/2025 - 06/2025**

- Developed a Tinder-style **Android/iOS** cat adoption app with shelter and adopter interfaces, featuring swipe-based matching, in-app messaging, and real-time engagement analytics
- Integrated **Google Gemini API** to auto-generate personalized cat biographies and personality tags from shelter-inputted keywords, boosting adoption match accuracy **by 85%** and reducing shelter workflow time **by 30%**

Stairmasters: UCLA Accessibility Map – Swift, Apple MapKit　　　　　　　　　**10/2024 – 12/2024**

- Designed and implemented a **SwiftUI iOS MVP** with an interactive **Apple MapKit overlay** to display powered-door access points, elevator locations, and accessibility routes across UCLA
- Optimized custom routing logic to generate stair-free paths to the nearest accessible entrance of all campus and dormitory buildings, reducing navigation discrepancies in Apple Maps by **up to 10%**

Let's Tour UCLA: Route Generator – C++　　　　　　　　　　　　　　　　　　**03/2024**

- Automated a UCLA tour guide system loading and indexing **20,000+ Open Street Maps (OSM)** geospatial data points and user-inputted tourist spots of the campus and local Westwood area
- Built a point-to-point routing system using an **A* algorithm** to generate real-time tour routes **under 3 seconds** and within **110% of least-total-distance solutions**

TECHNICAL SKILLS

- **Programming:** TypeScript, JavaScript, Python, C++, C, Java, SQL, HTML, CSS, Bash/Shell Scripting
- **Frameworks & Databases:** React.js, Next.js, Node.js, React Native, Tailwind CSS, Flask, Firebase, Supabase, PostgreSQL
- **Tools & Platforms:** Git, GitHub, Linux, Kubernetes, Postman, XCode, VSCode, Figma, Vercel, macOS, Windows