

Erica Huang

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EDUCATION

University of California, Los Angeles | GPA 3.85

June 2027

Cognitive Science B.S., Linguistics and Computer Science B.A.

Coursework: Data Structures, Algorithms, Software Construction, Computer Organization, Computer Graphics

EXPERIENCE

UCLA Student Affairs IT | Los Angeles, CA

February 2025 - Present

Student Web Developer

Svelte, SvelteKit, TailwindCSS, TypeScript

- Developed and maintained UCLA websites serving over 14M annual page views
- Migrated major university sites to component-based architecture to improve scalability and maintainability
- Implemented fixes for bugs, content issues, accessibility, responsiveness, and design system consistency

MRSV*SPACE | Osaka, Japan

June 2025 - August 2025

Software Engineering Intern

GitHub Actions, YAML, Python, Shell Scripting, Unreal Engine

- Developed a Python utilities package pipeline in GitHub Actions for cross-repo releases
- Automated multi-service project startup with a shell script, reducing setup time for the team
- Integrated real-time remote control of Unreal Engine environment parameters

Freelance | Los Angeles, CA

October 2025 - Present

Web Developer & Designer

Next.js, SanityCMS, Vercel, TypeScript, Figma

- Developed and deployed client-managed photography portfolio with scalable, performant architecture
- Optimized images and loading behavior to improve page load performance by 80%
- Delivered full project handoff including documentation, developer guidance, and production-ready code

PROJECTS

ClubhouseUCLA | Los Angeles, CA

March 2025 - Present

Lead Developer

Next.js, TailwindCSS, Supabase, Vercel

- Led end-to-end development and deployment of full-stack student org review platform for 100+ users
- Managed infrastructure, authentication, and core APIs while implementing features, resolving bugs, and refactoring for maintainability
- Implemented iterative improvements based on user testing to enhance usability and performance

Morii - Moments That Stay | Los Angeles, CA

March 2025 - June 2025

Backend Developer

Express.js, Node.js, MongoDB, Postman

- Built backend services for social mood tracking and sharing iOS app, available on the App Store
- Developed RESTful API endpoints for social features including posts, likes, comments, and block/report with admin authentication for efficient & safe community interactions

Dimensional Detective | Los Angeles, CA

February 2025 - June 2025

Game Developer

Unity, Blender, C#

- Designed and built a dialogue-driven mystery point-and-click game in Unity
- Engineered interactive dialogue and interrogation mechanics to enhance user immersion

SKILLS

- **Languages:** JavaScript, TypeScript, Python, SQL, PostgreSQL, C++, C#, R, Bash, Emacs Lisp, YAML
- **Web Development:** React, Next.js, SvelteKit, Node.js, Express.js, HTML, CSS, Tailwind CSS, Supabase, MongoDB, PHP, REST API, GraphQL, HTTP, Three.js
- **Tools:** Vercel, Postman, Google Cloud Console, GitHub Actions, SanityCMS, Figma, Unity, Unreal, Blender