Jenny Wang

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EDUCATION

University of California, Los Angeles — Los Angeles, CA
Computer Science and Linguistics — *Expected Graduation: 2024*

- **Relevant Coursework**: Data Structures and Algorithms, Discrete Structures, Syntax, Software Construction, Computer Organization, Algorithms, Linear Algebra
- **Professional Organizations**: Nova Tech for Good, CreativeLabs, Association of Computing Machinery TeachLA

EXPERIENCE

Nova Tech for Good — Los Angeles, CA
Full-Stack Engineer — *September 2021 - Present*

- **iiDecide**: Designed **Node.js** endpoints for handling HTTP requests, allowing admin to access control over user reports. Utilized and tested machine learning algorithm with 99% user matching accuracy.
- **Canopy**: Built web application in **React** for clients at UChicago RISC (Radical Innovation for Social Change). Implemented mentor card components using **Typescript**. Displayed group user data using a **GraphQL** server.

CreativeLabs — Los Angeles, CA
Front-End Engineer — *October 2021 - January 2022*

- **LunchBuds**: Prototyped a front-end iOS mobile application using **SwiftUI** featuring an interactive map of the UCLA area. Designed and implemented user log-in pages. Worked with a **Node.js** server on a Firebase back-end to maintain data for user authentication.

The Daily Bruin — Los Angeles, CA
Full-Stack Engineering Intern — Bruinwalk.com — *August 2021 - Sept 2021*

- **Re-brand (Summer 2021)**: Redesigned course and professor results cards. Resolved issues affecting visibility of navigation bar on mobile devices, increasing mobile pageviews by 10.4%. Implemented more responsive front-end pages using **CSS** and **React** on a **Django** framework.

Kode with Klossy — San Francisco, CA
Web Development/Mobile App Development Instructor Assistant — *July 2019 – July 2021*

- **Web Development (Summer 2019)**: Used **HTML**, **CSS**, and **Javascript** to create a website that automates clothing suggestions based on the weather. Employed OpenWeatherMap in **JSON** format.
- **Mobile App Development (Summer 2020)**: Created and designed a journaling mobile application in **SwiftUI** centered around productivity and mental health.
- **Curriculum Development**: Reviewed and taught the fundamentals of iOS mobile app development using **Swift** and **Xcode**. Increased retention rate of scholars by 20% in one year (awarded winner of Scholar Recruitment Challenge).

PROJECTS

SpotAFriend: Mobile app that allows users to engage in a reality-based game of assassins. Created a prototype on **Figma** and implemented the application using a **React Native** frontend and **Firebase** backend.

jennywnuo.com: Promotional music page for Internet indie-pop musician, Jenny Nuo. Designed and created a website using **HTML**, **CSS**, and **Javascript**. Used Shopify to manage e-commerce transactions. Generated 5,000+ pageviews within two years.

Sign-In ASL Translator App: Winner of Dublin Entrepreneurship and Design Competition - application that translates the American Sign Language alphabet into English text with **Python**. Presented to industry partners and created a promotional website using **HTML**, **CSS**, and **Javascript** (tinyurl.com/aslsigninapp).

SKILLS

Languages: Python, C++, HTML, CSS, Javascript, Typescript, Java, Swift, SQL, GraphQL

Frameworks and Tools: React Native, React.js, Django, Node.js, Linux, User Experience (UX), Heroku, Git, Docker, NPM, Yarn, Figma

Languages: English (fluent), Mandarin (intermediate), Spanish (advanced), French (advanced)

INTERESTS

Songwriting and Social Media Marketing: Built an online music and social media presence with peak 200K+ Spotify monthly listeners, 50K+ Instagram followers, and 70K+ TikTok followers. Viral single, 'EXPIRED,' reached 4.9M+ digital streams.