# Rianna Lei

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## EDUCATION

**California Polytechnic State University** — San Luis Obispo, CA
*Bachelor of Science in Computer Science* — *Expected Graduation: June 2026*

**Relevant Coursework:** Data Structures and Algorithms, Discrete Mathematics, Project-Based Object-Oriented Programming and Design, Design and Analysis of Algorithms, Systems Programming, Software Engineering, Database Systems

## SKILLS

**Programming Languages:** Python, JavaScript, TypeScript, Java, HTML/CSS, C, SQL, RISC-V Assembly
**Web Development:** React, Next.js, JavaScript, Material-UI, Node.js, Express.js, Mongoose, REST API Design, Tailwind CSS, shadcn-ui
**Frameworks & Libraries:** OpenAI API, Stripe API, AWS (EC2, RDS, S3, Lambda), Firebase, Figma, Kinde, Google OAuth, NextAuth, Passport.js, Prisma
**Databases:** MongoDB, MySQL, PostgreSQL
**Tools & Operating Systems:** Linux, HTTP Servers, Git, GitHub, CI/CD Pipelines (Vercel, Render)
**Certificates:** AWS Certified Cloud Practitioner – Foundational
**Udemy Courses:** React - The Complete Guide 2024 (incl. Next.js, Redux), Node with React: Fullstack Web Development, The Complete Node.js Developer Course (3rd Edition)

## PROJECTS

**Leaf & Carry** — Remote
*Full-Stack Developer* — *Aug 2024 - Present*

- Developed a customizable e-commerce platform for eco-friendly tote bags using **Next.js**, **TypeScript**, **Tailwind CSS**, and **Postgres**, featuring a modern UI and real-time drag-and-drop file uploads for personalized designs.
- Implemented secure user authentication with **Kinde Auth** and built an admin dashboard for efficient order management, inventory tracking, and customer analytics.
- Enhanced operational efficiency by automating order processing workflows and integrating dynamic, personalized email campaigns to improve post-purchase engagement and customer satisfaction.

**TaskStars** — Remote
*Full-Stack Developer* — *Aug 2024 - Present*

- Collaborated with a team to develop a full-stack task management app using **Next.js**, **React.js**, **Node.js**, and **MongoDB**, with features like task creation, deadlines, priority levels, tags, and secure authentication using **Google OAuth**
- Integrated an **openAI** chatbot for auto-filling task outlines and notes, and developed a 'lock-in' mode with real-time timers to track productivity and boost user engagement.
- Built social features like friend challenges, task sharing, and a dynamic leaderboard, leveraging optimized **RESTful APIs** for smooth frontend-backend integration.

**SurveySage** — Remote
*Full-Stack Developer* — *Jul 2024 - Aug 2024*

- Built a full-stack web app for creating, sending, and managing surveys, featuring **Google OAuth** for authentication and email automation via **Mailgun API**.
- Integrated a secure **Stripe API** payment system for purchasing survey credits, ensuring a seamless user experience.
- Configured production and development environments on **Render** and used **ngrok** for secure local testing and webhook handling.

## EXPERIENCE

**Google Computer Science Summer Institute** — Remote
*Intern/Scholar* — *Jul 2022 - Aug 2022*

- Completed a four-week intensive web development program led by Google engineers, applying **HTML/CSS** and **JavaScript** in daily coding projects.
- Attended workshops on product design, resume building, and software engineering interviews to enhance professional skills.
- Collaborated with fellow scholars on a final project, presenting the results to Google employees.

## LANGUAGES & HOBBIES

**Languages:** **English** (Native), **Cantonese** (Fluent), **Mandarin** (Fluent)

**Hobbies/Interests:** Volunteering, Painting, Violin, Dance