

# Rianna Lei

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## EDUCATION

### California Polytechnic State University

San Luis Obispo, CA

*Bachelor of Science in Computer Science; Dean's List x1*

*Expected Graduation: June 2026*

**Relevant Coursework:** OOP, Systems Programming, Software Engineering, Computer Security, Database Systems

## SKILLS

**Programming Languages:** Python, JavaScript, TypeScript, Java, HTML/CSS, C, SQL, RISC-V Assembly

**Web Development:** React, Node.js, Next.js, Material-UI, Express.js, Mongoose, RESTful API, Tailwind CSS, shadcn-ui, Three.js

**Frameworks & Libraries:** AWS (EC2, RDS, S3), Firebase, Figma, Passport.js, Prisma, OpenAI API, Stripe API, Kinde, Google OAuth, NextAuth, Webhooks

**Databases:** MongoDB, MySQL, PostgreSQL

**Tools & Operating Systems:** Linux, Git, GitHub, CI/CD Pipelines (Vercel, Render, Heroku)

**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 - Sep 2024*

- Developed a customizable e-commerce platform for eco-friendly tote bags using **Next.js**, **React**, and **TypeScript**, featuring drag-and-drop file uploads for personalized designs and a modern UI.
- Implemented a robust **admin dashboard** for managing orders, tracking customer engagement, and monitoring inventory with **Prisma** and **PostgreSQL**.
- Built a modern, responsive UI using **shadcn-ui** and **Tailwind CSS**, delivering an intuitive and visually appealing user experience optimized for both mobile and desktop.
- Implemented **webhooks** for real-time order processing updates, enhancing the platform's operational efficiency.
- Deployed the project using **Vercel**, ensuring continuous deployment and monitoring for performance optimizations.

### TaskStars

Remote

*Full-Stack Developer*

*Aug 2024 - Present*

- Collaborated with a team of 3 to develop a full-stack task management app using **Next.js**, **React.js**, and **Node.js**, implementing features for task creation, priority management, and secure user authentication.
- Implemented **CRUD operations** for task management using **Node.js** and **Express.js**, allowing users to create, update, delete, and retrieve tasks efficiently from the **MongoDB** database.
- Developed and integrated a **REST API** to facilitate seamless communication between the frontend and backend.
- Designed a responsive and intuitive frontend UI using **Tailwind CSS**, improving user experience across devices.
- Managed version control and collaboration by utilizing **Git** and **GitHub**, driving development efficiency through pull requests and issue tracking.

### SurveySage

Remote

*Full-Stack Developer*

*Jul 2024 - Aug 2024*

- Built a survey management app using **Node.js**, **Express**, **React**, and **MongoDB**, allowing users to create surveys, collect feedback, and manage responses.
- Integrated **Google OAuth** for secure user authentication and **Mailgun API** to automate survey email responses and feedback collection.
- Implemented payment processing with **Stripe API** and managed application state using **Redux**, ensuring a seamless user experience for survey purchases.

## 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

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