

Rianna Lei

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EDUCATION

California Polytechnic State University

Bachelor of Science in Computer Science

San Luis Obispo, CA

Expected Graduation: June 2026

- **Relevant Coursework:** CSC 123 Introduction to Computing, CSC 101 Fundamentals of Computer Science, CSC 202 Data Structure and Algorithms

EXPERIENCE

CodePath Web Development 101 & 102

February 2023 - present, Remote

Student

- Participated in two accelerated six-week bootcamps toward front-end web development,
- Designed dynamic web applications that showcased key front-end fundamentals, including **HTML**, **CSS**, and **JavaScript**, while employing advanced styling techniques like Flexbox and CSS Grid. Began using **React** to further enhance web application interactivity.

Google Computer Science Summer Institute

July 2022 - August 2022, Remote

Intern/Scholar

- Participated in a four-week intensive computer science program led by Google engineers to gain practical experience in web development
- Implemented various concepts in HTML/CSS and JavaScript such as data types, functions, and APIs through daily mini-coding projects
- Designed and developed a final project alongside fellow scholars, which we presented to employees
- Attended product design, resume development, and software engineering interview workshops

Kode With Klossy

November 2021 - December 2021, Remote

Scholar

- Participated in a two-week program dedicated to educating and empowering young women and non-binary students in STEM
- Utilized HTML, CSS, and Javascript to develop a website that educate people about fast fashion

PROJECTS

Mobile App Prototype — Mustang Lanes

January 2023, San Luis Obispo, CA

- Competed in Cal Poly's annual **UX** fest to design a mobile app prototype within 24 hours
- Developed a prototype using **Figma** to implement features such as checking the availability of bowling lanes, making reservations, payments, and a rewards program

Stinky Sweater Project

October 2022 - November 2022, San Luis Obispo, CA

- Constructed a modern wash count for sweaters using NFC tag stickers, Arduino, Adafruit NFC Controller Shield for Arduino, Neopixels, and a Python web server
- Implemented NFC stickers to scan the Adafruit shield and Neopixels for visuals
- Developed a Python web server that shows the wash count and it is connected to the main Python code using Serial.

Website for Dogs

July 2022 - August 2022, Remote

- Developed a website as part of Google's CSSI program using **HTML/CSS** and **Javascript** to provide entertainment for dog owners
- Implemented features including a dog personality quiz, music tab, advice page, and shop page

SKILLS

Programming Languages/Skills: Python, HTML/CSS, JavaScript, Figma, React, Adafruit circuit playground, Arduino circuit board, HTTP servers

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

Hobbies/Interests: volunteering, painting, violin, dance