

Sabrina Huang

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EDUCATION

California Polytechnic State University, San Luis Obispo

Expected June 2026

Bachelor of Science: *Software Engineering*

San Luis Obispo, CA

- Relevant Coursework: Data Structure, Algorithms, Systems Programming, Discrete Structures, Computer Organization, Project-Based Object-Oriented Programming and Design, Software Engineering, Database Systems

EXPERIENCE

Compal Electronics, Inc.

June 2024 - September 2024

Software Engineer Intern

- Performed OS installations, driver setups, system performance tests; managed SPI ROM programming and flashing
- Conducted BIOS and basic function tests; developed a tool to analyze log files and generate feature status reports
- Currently developing an automation tool to streamline System Analysis and BIOS release testing

Dandilyonn

June 2023 - August 2023

Mobile App Development Intern

- Led development of mobile iOS application that tracks food and expiration dates in the user's fridge and syncs with an interactive grocery shopping list
- Created and integrated push notification functionality for duplicate food items

UTechzone Co., Ltd

Summer 2021

Software Engineering Intern in R&D Division

- Implemented program to analyze, sort, and organize images into different files for quality control of chips
- Contributed to team meetings and acquired knowledge on functionality of Automatic Optical Inspection systems

CS PROJECTS

Uncluttered

- Designed and implemented task management application that allows users to organize tasks into a schedule with functionalities including allocation of time slots based on due dates and categorization by subject

K-Pop Database

- Utilized SQL to create a comprehensive and dynamic web application that caters to the diverse needs of music enthusiasts, offering a rich and engaging experience while staying up-to-date with the latest industry developments

Virtual World

- Utilized Java to develop virtual world with interactive elements and created characters with automated action items

ACTIVITIES

Women Involved in Software & Hardware

September 2022 - Present

Mentorship Director

- Lead mentorship program, run networking events, and organize mentor-mentee pairings for women in STEM

Hack4Impact

September 2023 – Present

Associate Director of Design

- Designed a user-friendly web application for Paso-Robles Food Co-op and provided software solutions to nonprofit

Dandilyonn

June 2024 – August 2024

SEEDS Program Mentor

- Mentor participants in Design Thinking, guide them through design prototype creation, task and project management, and React-Native learning

ADDITIONAL INFORMATION & INTERESTS

- **Programming Languages:** Java, Python, Assembly, C, HTML, CSS, JavaScript, React, SQL, MongoDB, Figma
- **Languages:** English (native), Mandarin (native), Taiwanese (native), Japanese (elementary)
- **Interests:** Choir, mountain climbing, traveling, music, ice skating, Taekwondo