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, Systems Programming, Discrete Structures, Intro to Computer Organization, Project-Based Object-Oriented Programming and Design, Design & Analysis of Algorithms (in progress)

EXPERIENCE

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 2020**

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

Virtual World

- Utilized Java to develop virtual world with multiple components that counter the others for a balanced ecosystem
- Created characters in the world with automated action items

ACTIVITIES

Women Involved in Software & Hardware   **September 2022 - Present**

Mentorship Officer   San Luis Obispo, CA

- Lead mentorship program and organize mentor-mentee pairings for women in STEM
- Run networking events and plan bonding activities for pairings

First Robotics Competition Team   **August 2018 – May 2022**

Programming Team Leader   Taipei, Taiwan

- Engineered and designed a remote-controlled 125 lb. robot with capabilities including picking up objects, shooting baskets, and lifting itself up
- Led lecture for underclassmen by translating robot functionalities into Java
- Won Creativity Award and District Finalist in 2020

Interact Club   **August 2019 – May 2022**

President and District Representative   Taipei, Taiwan

- Fundraised and led events including providing doctors and equipment for a free hearing test to 200+ indigenous and underprivileged children
- Planned and facilitated meetings with Rotarian networks as well as tutored children in need

Bilingual Novel Club   **October 2019 – May 2022**

Co-Founder & Vice President   Taipei, Taiwan

- Maintained a website for posting and discussing original novels.
- Wrote short stories published in the school magazines and won Literature Awards.

ADDITIONAL INFORMATION & INTERESTS

- **Programming Languages:** Java, Python, Assembly, C++, C#, HTML, CSS, Typescript
- **Languages:** English (native), Mandarin (native), Taiwanese (native), Japanese (elementary)
- **Interests:** Choir, mountain climbing, traveling, music, ice skating, Taekwondo