

Shuya Yanase

(650) 248 4299 • Los Altos, CA • 21smyanase@gmail.com

EDUCATION

California Polytechnic State University San Luis Obispo, California
Bachelor of Science, Computer Science

September 2022 – June 2026
GPA: 3.6

Los Altos High School, Los Altos, California

August 2018 – June 2022
GPA: 4.44

EXPERIENCE

Nazoom – Los Altos, CA

June 2021 – September 2021

Software Engineer Intern

- Created a program in Jupyter Notebooks to find the formulas of chemical compounds from input characteristics such as space group, density, and formation energy.
- Used and tested multiple machine learning models.
- Ran tests to maximize efficiency of the model.
- Presented project to company to describe the functions, usability, and process of developing the program

PROJECTS

Soccer Player News Website

June 2023 – August 2023

- Designed and developed a dynamic website dedicated to soccer player news, catering to soccer fans
- Utilized React.js for the frontend to create an interactive user interface with quick access to the latest news and employed Python Flask for the backend
- Implemented a user-friendly navigation system, allowing users to explore player updates and news

ACTIVITIES/LEADERSHIP

AVID Tutor

August 2021 – June 2021

- Tutored first generation college students in computer science, algebra, statistics, and biology.

Python Club – Founder/President

August 2019 – June 2022

- Founded a club dedicated to guiding beginner Python programmers and teaching them advanced topics.
- Led club projects like creating a shape-detection program and teaching AI and neural networks concepts

SKILLS

- Python, C, C++, Java, JavaScript, Assembly, PHP, HTML
- Very comfortable working with databases
- Experienced with frontend and backend development
- Fluent in Japanese

Relevant Coursework

AP Computer Science – 5

ADEN (Advanced Data Structures, Embedded Systems, and Networking)

Data Structures - Python

Project-Based Object-Oriented Programming - Java

Computer Organization – LC-3 assembly C

Systems Programming - C