

Shuma Jensen

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EDUCATION

Irvine Valley College

Computer Science

Irvine, CA

Aug 2022 — May 2024

Awards: Dean's List (Fall 2022, Spring 2023, Fall 2023), Summa Cum Laude

Relevant Coursework: Basic introduction to Python, C, and C++ programming, Data Structures and Algorithms, Discrete Mathematics, Basic Computer Organization and Assembly Language, Linear Algebra

University of California, Los Angeles

Computer Science and Linguistics

Los Angeles, CA

Sep 2024 — Present

Relevant Coursework: Python with Application, Introduction to Linguistic Analysis, Computer Graphics, Applied Phonetics, Software Construction, Algorithms and Complexity

Experience

UCLA Japanese Student Association Website

Jan 2025 — Present

- Developing the main website for the Japanese Student Association club at my university.
- Collaborating with other teams within the club to incorporate their ideas and needs into the website
- Implementing user-friendly navigation and layout, interactive features, and a language translation tool for Japanese speakers.
- Utilizing HTML, JavaScript, CSS, Ruby on Rails, and Figma

PROJECTS

Recipe App

June 2025 — August 2025

- Built a full-stack social media platform for food enthusiasts, enabling users to share, discover, and manage recipes.
- Integrated Spoonacular API to add recipes onto the server to recommend based on available ingredients and dietary preferences. Users can add their own recipes that they want to upload, and have other people view those recipes.
- Developed real-time social features including messaging, notifications (likes/comments/follows), and hashtag-based discovery.
- Enabled detailed recipe creation with ingredients, steps, difficulty, cooking time, and category tagging.
- Utilized React, Node, Tailwind CSS, Express.js, Supabase, PostgreSQL, Cloudinary API, and Spoonacular API.

BruinClubs

April 2025 — June 2025

- Developed a full-stack club discovery platform for UCLA students featuring SSO login, profile creation, and onboarding UI.
- Built search and recommendation systems based on user interests, with real-time filtering and interactive club cards.
- Designed and connected the frontend and backend for bookmarking clubs, joining, and tracking user-club relationships.
- Utilized React.js, Node.js, Express.js, PostgreSQL, TailwindCSS, and Python.

E-Commerce Website

Oct 2024 — Nov 2024

- Developing an E-Commerce Web Application where people can browse products, view details, and add items to the shopping cart.
- Data handling will be incorporated to store and manage product, user, and order data.
- Utilized HTML, CSS, JavaScript

Stock market recommender

Feb 2025 — March 2025

- Utilized APIs from different stock market data websites and compared the data that they provided
- Created a dataframe using the different data from the APIs and made functions that calculated how the changes over time
- Trained a machine learning model with the dataframe and predicted whether the trend of the stock will go up or down
- Utilized Numpy, Pandas, Scikit-Learn, Keras, MLP, CNN

LEADERSHIP EXPERIENCE

Japanese Student Association at the University of California, Los Angeles

- Board member of the Japanese Student Association (JSA) at UCLA, dedicated to creating a welcoming community for Japanese international students to connect, find support, and feel at home on campus. Organized career fairs featuring Japanese companies, coordinated social events, and ensured smooth execution of all activities to foster meaningful experiences for members.

SKILLS AND HOBBIES

Programming Skills: Python, C++, GitHub, Jupyter Notebook, Numpy, Pandas, SQL, JavaScript, HTML, and CSS

Language: Proficiency in Japanese

Hobbies: Soccer, Volleyball, TeamFight Tactics, Reading manga