Yue (Sarah) Jiang

Full Stack Software Engineer

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TECHNICAL SKILLS

- Languages: Python, JavaScript
- Frameworks: Flask, Express, React, Redux
- Database: SQLite3, SQLAlchemy, PostgreSQL
- Tools: HTML, CSS, AWS, Render, Netlify

PROJECTS

HelloWorld   [Live](#) | [GitHub](#)

A full-stack travel planning application, inspired by Wanderlog, developed as a capstone project.

- **Incorporated Leaflet** for interactive map functionality, enabling users to visually explore destinations. By utilizing real-time geolocation and mapping services, users can easily navigate through their planned trips.
- **Implemented AI-powered travel assistant** to generate intelligent itinerary suggestions. This feature helps users receive personalized recommendations, improving their experience by reducing time spent on research.
- **Implemented image upload functionality using AWS S3**, allowing users to upload and store images securely in the cloud. Integrated AWS SDK on the backend with Flask to handle file uploads, generate pre-signed URLs, and ensure efficient storage and retrieval.

ArtisanAlley   [Live](#) | [GitHub](#)

An Etsy inspired web application built by a team of 4 within just one week.

- **Implemented user authentication** using Flask-Login to securely handle user sessions and registration.
- **Developed a product listing feature** using Flask, handling CRUD operations for products, and React on the frontend to render dynamic product listings. This structure ensures efficient data flow and a seamless browsing experience for users.
- **Utilized SQLAlchemy for database management**. This simplifies database queries and relationships, ensuring scalability and reducing boilerplate code.
- **Deployed on Render** for cloud-based hosting, automating deployment processes. This solution allows the team to focus on feature enhancements while ensuring high availability for end-users.

WORK EXPERIENCE

Co-Founder & Product Designer   Oct 2020 – Apr 2023

Walnut Education, Milpitas, CA

- **Co-founded the company** with a mission to promote transparency in the college admissions consulting industry, successfully registering 121 consultants to meet the diverse needs of students.
- **Collaborated closely with the engineering team** to implement key content features on the website, such as a consultant matching tool, aligning the product with both business goals and customer needs.
- **Led the drafting and review of product designs**, ensuring they were user-friendly and accessible, based on market research and user feedback. The new interface design increased customer satisfaction by 15%.

Institutional Partnership Specialist & Senior Academic Consultant   Jul 2014 – Sep 2020

WholeRen Education, Pittsburgh, PA

- **Advised students on application processes**, providing personalized guidance on school selection, essay writing, and application strategy. Successfully helped students gain acceptance into prestigious institutions such as Columbia, Carnegie Mellon University (CMU), and UCLA, etc.
- **Served as the primary relationship manager** with admission representatives.

EDUCATION

Full-Stack Software Engineer Coding Bootcamp	App Academy – 2024
Master's Degree	Foreign Language Education	New York University – 2014
Bachelor's Degree	English Literature	Qingdao University – 2013