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, AI, Render

WORK EXPERIENCE

Software Engineer & Co-Founder   Oct 2020 – Apr 2023
[Walnut Education](#), Milpitas, CA

- **Collaborated with two other engineers to build the website**. The fully functional platform was completed within six months, modeled as an Airbnb-like platform where students act as guests and consultants as hosts. Key features include search, real-time chat, payment processing, application tracking, and a review system.
- **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.
- **Led the drafting and review of product designs**, ensuring a user-friendly and accessible interface informed by market research and user feedback. The redesigned interface resulted in a 15% increase in customer satisfaction.

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.

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.

- **Developed a product listing feature** using Flask, handling CRUD operations for products, and React on the frontend to render dynamic product listings, ensuring efficient data flow and a seamless 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.

EDUCATION

App Academy	Full-Stack Software Engineer Coding Bootcamp	**Apr 2024 - Sep 2024**
New York University	Master of Art in Education	GPA 3.97	**Sep 2013 - Sep 2014**
Qingdao University	Bachelor of Art in English Literature	GPA 3.7	**Sep 2009 - Jul 2013**
Missouri State University	Exchange Student	GPA 3.97	**Aug 2011 - Dec 2011**