YUE (SARAH) JIANG

SOFTWARE ENGINEER

CONTACT

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SKILLS

Languages
- Python
- JavaScript

Frameworks
- Flask
- Express
- React

Database
- SQLite3
- SQLAlchemy
- PostgreSQL

Tools
- HTML
- CSS
- AWS
- Render

EDUCATION

App Academy
- full-time coding bootcamp
- Apr 2024 - Sep 2024

New York University
- MA in Education | GPA 3.97
- Sep 2013 - Sep 2014

Qingdao University
- BA in English Literature
- Sep 2009 - Jul 2013

LANGUAGES

English

Chinese

WORK EXPERIENCE

Software Engineer

Walnut Education, Milpitas, CA   Oct 2020 – Apr 2023
- **Engineered a fully functional platform** in collaboration with two other engineers. Modeled as an Airbnb-like platform where students act as guests and consultants as hosts, the platform features functionalities such as search, real-time chat, payment processing, and a review system.
- **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.

Senior Academic Consultant & Institutional Partnership Specialist

WholeRen Education, Pittsburgh, PA   Jul 2014 – Sep 2020
- **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, and UCLA, etc.
- **Served as the primary relationship manager** with admission representatives, fostering strong partnerships with key university contacts to enhance student placement outcomes.

PROJECTS

HelloWorld

A full-stack travel planning application   Live | GitHub
- **Incorporated Leaflet for interactive map functionality**, enabling users to visually explore destinations.
- **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

An Etsy inspired web application built by a team of 4   Live | GitHub
- **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.