



YUE (SARAH) JIANG

SOFTWARE ENGINEER

CONTACT

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[LinkedIn](#)
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[Portfolio](#)

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, delivering the project within six months. 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.