

KATHERINE JIANG

Software Engineer

katherine.jiang30@gmail.com • Philadelphia, PA • [LinkedIn](#) • [GitHub](#)

SKILLS

Languages | Python, JavaScript (AJAX, JSON), HTML, CSS, SQL, Chinese - Cantonese (fluent)

Frameworks & Libraries | Flask, SQLAlchemy, Bootstrap, Jinja2, ReactJS, Chart.js

Database & Industry Tools | PostgreSQL, Git, GitHub, Command Line

Tools/Software | Agile Methodology, AWS Cloud, Docker, REST APIs, Postman, RxConnect, Epic

PROJECTS

Travelbugs App [[Website link](#)][[Github link](#)]

- Developed a full-stack web application using Python and Flask that allows users to interact and collaborate on planning trips together.
- Incorporated persistent data storage using PostgreSQL and SQLAlchemy to optimize database queries.
- Integrated Mapbox APIs and Yelp Fusion API to allow users to search and view top rated local activities.
- Technologies utilized: Python, Flask, Jinja2, PostgreSQL, SQLAlchemy, Javascript, ReactJS, HTML, CSS, Bootstrap, Chart.js, and AWS Lightsail for deployment.

PROFESSIONAL EXPERIENCE

Software Engineering Student

Feb 2022 - Apr 2022

Hackbright Academy, San Francisco, CA

- Part of an empowered team working on delivering quality software projects in an agile environment with daily scrums and two week sprints.
- Collaborated with colleagues on pair-programming assignments that include creating data models, building databases, testing, utilizing APIs, etc.
- Wrote clean, scalable code, created testing protocols, fixed bugs, and deployed projects.

Pharmacist

Aug 2016 - Jan 2022

CVS Health, Philadelphia, PA

- Managed and supported a team of pharmacy technicians and interns in fulfilling over 2000 prescriptions per week.
- Worked closely with patients, insurances, physicians and nurses with regard to medication dosage, drug interactions and potential side effects of medication therapy with 100% accuracy and efficiency, which contributed to a 90% patient satisfaction score.
- Increased immunization rates by 75% by working with the Chinatown Community Center to set up yearly flu clinics for local residents, translating health questionnaires and raising awareness about flu risk.
- Designed and implemented a system to track outdated medications for more efficient inventory management, which reduced inventory cost and medication waste.

EDUCATION

Apr 2022 **Hackbright Academy, San Francisco, CA**

Software Engineering Fellowship - Software engineering program

May 2016 **University of the Sciences, Philadelphia, PA**

Doctor of Pharmacy - Graduated Summa Cum Laude GPA 3.8

May 2014 **University of the Sciences, Philadelphia, PA**

Bachelor of Science, Pharmaceutical and Healthcare Studies