

Jingshi Liu

US Citizen | New York, NY

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EDUCATION

Queens College, City University of New York, CUNY

Bachelor of Science in Computer Science, GPA: 3.6

Flushing, NY

Dec, 2023

Relevant Courses: *Data Structure & Algorithm, Cloud Computing, OOP in Java and C++, Database, Internet Technology, Advanced Python*

SKILLS

- **Frontend:** ReactJS, JavaScript, TypeScript, TailwindCSS, Styled-Component, Bootstrap, ChartJS, Tkinter
- **Other Programming:** NodeJS, ExpressJS, SequelizeJS(ORM), Python, Flask, Firebase, C++, Java, SQL
- **Technologies:** AWS, GCP, Docker, Kubernetes, IntelliJ, VSCode, Git, GitHub, macOS, Xcode, WireShark, Jupyter Notebook
- **Spoken Language:** Mandarin

EXPERIENCE

Freelancing Developer

2023 - Present New York, NY

- Designed and developed a custom [website](#) for a sushi restaurant, enhancing online visibility and customer engagement.
- Created a portfolio [website](#) for an animation student to showcase their projects and skills effectively.
- Utilized **React** for efficient and interactive UI development, and **Tailwind** for modern and responsive design.
- Collaborated with clients to deliver web solutions tailored to specific requirements and goals.

CUNY Tech Prep

New York, NY

Web Development Apprenticeship

Aug 2022 - May 2023

- Engaged in comprehensive learning of in-demand technologies, including **React.js**, **Node.js**, **Express.js**, and **PostgreSQL**.
- Studied industry best practices in design, implementation, and deployment.
- Focused on **MVC** architecture, **Git/GitHub** for version control, and **Agile & Scrum** methodologies, utilizing tools like **Slack**.
- Acquiring expertise in test-driven development and continuous integration/continuous deployment(**CI/CD**) practices.

PROJECTS

Petently, Pet Adoption Web Application - [GitHub LiveDemo](#)

Feb 2023 - May 2023

- Created a **React.js**-based pet adoption web application with a user-friendly Map UI for posting pet information.
- Integrated **Google Map** with **Google-Map-React** to visually showcase pet locations, enhancing user engagement.
- Utilized **Firebase** for secure user authentication, **Firestore** for data management, and **Firebase Storage** for image storage.
- Engineered an interactive **widget manager** featuring UserProfile, PostCreator, and PetPost components.
- Deployed on **Netlify** with a custom domain as a subdomain of my portfolio website.

Easy Trader, Full Stack Stock Trading Simulation - [GitHub](#)

Oct 2022 - Jan 2023

- Led a team of three in development of a **React.js** and **Node.js** based Full-Stack Stock Trading Web Application.
- Implemented web pages with **Bootstrap** showcasing user portfolios and enabling real-time stock trading with latest prices.
- Developed a component utilizing **Chart.js** to display the Line Graphs representing portfolio performance and stock prices.
- Engineered a robust **REST API** using **Express.js**, **Sequelize.js** and **MySQL** for efficient database management.
- Integrated secure user authentication using Firebase, ensuring a protected and trustworthy user experience.

Health Habit Tracker, CUNY Tech Prep Hackathon, Python - [GitHub LiveDemo](#)

Aug 2022

- Developed a web app in a team of two that tracks users' past health activities to help them develop healthy habits.
- Created a **Flask REST API** with **SQLAlchemy** for the database and implemented user authentication.
- Enabled user registration and login, log creation, and data retrieval and creation.
- Implemented clean and efficient code that won **Best Back End prize** in the hackathon.

ACTIVITY

Best Backend - CUNY Tech Prep Hackathon 2022

Hobby

Biking, Snowboarding