

# Jingshi Liu

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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 Design & Analysis, Natural Language Processing, Cloud Computing, OOP in Java and C++, Computer Architecture, Assembly language, Discrete Structure, Theory of Computation, Operating System Principle, Database, Internet Technology, Advanced Python Programming, Principle of Programming Language

## SKILLS

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

## RELEVANT EXPERIENCE

### CUNY Tech Prep

New York, NY

Web Development Fellow

Oct 2022 - Present

- Learn in-demand technologies like React, NodeJS, Express, and PostgreSQL
- Study industry best practices for design, implementation, and deployments such as MVC, version control with Git/GitHub, agile & Scrum with Trello and Slack, test-driven development, and CI/CD.

## PROJECTS

### Pettenly, Pet Adoption Web App, React.js, Firebase, Styled-Component - [Github LiveDemo](#)

Feb 2023 - May 2023

- Created a single page web app that helps users to adopt or post the pet they can no longer keep .
- Implemented frontend using React.js, used Firebase for authentication, Firestore for database, and Firebase Storage to store the images.
- Deployed the web app on Netlify and added a custom domain that is a subdomain of my portfolio website.

### Easy Trader, Full Stack Stock Trading, React.js, Express.js, Bootstrap, Chart.js - [Github](#)

Oct 2022 - Dec 2022

- Developed a website with two CUNY Tech Prep colleagues that simulates stock trading on real-time updated stock prices, allowing users to practice trading strategies risk-free.
- Created landing, login, home, and investing pages using ReactJS, Bootstrap, ChartJS, and plain CSS.
- Made the backend using ExpressJS, NodeJS, and MySQL, with Firebase for user authentication.

### Spotify Playlist Creator, Node.js, HTTP - [Github LiveDemo](#)

Dec 2022

- Built a single-page app that creates a Spotify playlist matching a random anime character name.
- Implemented 3LO Auth for user authorization and used cached cookies to identify clients.
- Improved performance and resource handling by implementing caching for authorization codes.

### Note App, ReactJS - [Github LiveDemo](#)

Sept 2022

- Deployed a note-taking app that lets users write and convert between markdown and rich text notes.
- Implemented an interactive UI using ReactJS and DraftJS.
- Stored notes in local storage.

### 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.

## SUPPORTING EXPERIENCE

### PARTEA NYC (Milk Tea Shop)

New York, NY

Cashier & Drink Maker

Aug 2021 - Present

- Collaborate with 3 or 4 colleagues to serve 100+ customers during the work period.
- Communicate with customers who lack the skill to speak English, quick reaction, collaboration with colleagues, and calmly deal with enormous amounts of orders during busy hours.

## ACTIVITY

Best Backend - CUNY Tech Prep Hackathon 2022

## Hobby

Gaming, Biking, Snowboarding