

Jingshi Liu

6468210688 | jingshiliu07@gmail.com - [Github](#) | [LinkedIn](#) | [Portfolio](#) | Queens, NY

EDUCATION

Queens College, City University of New York, CUNY

Flushing, NY

Bachelor of Science in Computer Science, GPA: 3.7

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

- **Programming:** JavaScript, Python, ReactJS, Java, Bootstrap, NodeJS, C++, ExpressJS, ChartJS
- **Technologies:** IntelliJ, VSCode, Git, GitHub, macOS, Xcode
- **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

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

Oct 2022 - Present

- 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.
- Built the backend using ExpressJS, NodeJS, and MySQL, with Firebase for user authentication.

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

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](#)

Sept 30th, 2022

- Built 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](#) [Live Demo](#)

Aug 26th, 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.

Shopping App, Java - [Github](#)

Aug 7th, 2022

- Collaborated with six team members to develop a shopping app with a shopping page, cart page, and coupon pop-up.
- Practiced layered architecture and used design patterns such as Iterator and Decorator.
- Implemented a coupon pop-up using the Java Swing library and an Observer Pattern for responsive coupon voucher GUI.

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