

# Jingshi Liu

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## EDUCATION

Aug 2019 - Dec 2023

Bachelors of Science in Computer Science, gpa 3.7

Queens, NY

**Relevant Courses:** Data Structure, Algorithm Design & Analysis, OOP in Java and C++, Computer Architecture, Assembly language, Discrete Structure, Theory of Computation, Operating System Principle, Database, Internet Technology, Advanced Python Programming

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## SKILLS

**Programming:** JavaScript, Python, ReactJS, MySQL, ExpressJS, Java, Bootstrap, NodeJS, C++

**Technologies:** IntelliJ, VSCode, Git, GitHub, macOS, Xcode

**Other Language:** Mandarin

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## RELEVANT EXPERIENCE

July 2022 - Present

Web Development Fellow, CUNY Tech Prep

New York

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

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## PROJECTS

Dec 2022

Spotify Playlist Creator, NodeJS, HTTP, HTTPS, 3LO Auth

[Github](#)

- Built a single page application that create a playlist on user's Spotify account that matches with a random anime character name.
- Implemented 3LO Auth that enables my application to access user's Spotify account
- Used and cached cookie to uniquely identify client.
- Implemented caching for authorization codes to improve performance and potentially save huge amount of resources when handle many request.

Oct 2022 - Dec 2022

Easy Trader, Full Stack Stock Trading Simulation, React, Express, MySQL, Sequelize, Firebase

[Github](#)

- Worked collaboratively in group of three to create a stock trading simulation platform that have 5 webpages and follows MVC pattern. Allowing users to practice stock trading strategies without worrying about actual currency.
- Implemented webpages using ReactJS and ChartJS to display the stock candle.
- Created the backend using ExpressJs, NodeJs, and MySQL as our database. Used Firebase to authenticate user login.

Aug 2022

Health Habit Tracker, CUNY Tech Prep Hackathon, Flask, Python

[Github](#)

- Created a web application that motivates users to develop good habits by keeping track of their past health activities.
- Implemented backend by creating a REST API using Flask, and Flask RESTful; using SQLAlchemy for the database. Allowing the front end to register or login users, create a log for the healthy activity, and retrieve or create setting data.

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## OTHER EXPERIENCE

Aug 2021 - Present

Drink Maker & Cashier

Flushing, NY

- 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

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## ACTIVITY

Best Backend - CUNY Tech Prep Hackathon 2022

## HOBBY

Biking, Snowboarding, Gaming