Jingshi Liu

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EDUCATION:

Queens College, City University of New York, CUNY   Flushing, NY
Bachelor of Science in Computer Science, GPA: 3.7   2023

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

SKILLS:
- **Programming:** JavaScript, Java, Python, React, Bootstrap, Node, C++
- **Technologies:** IntelliJ, VSCode, Git, GitHub, MacOS, Xcode
- **Spoken Languages:** Mandarin

RELEVANT EXPERIENCE

CUNY Tech Prep   **New York, NY**
Web Development Fellow   Jun 2022 – Present
- Learn in-demand technologies like React, Node + Express, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile & Scrum with Trello and Slack, test driven development, and CI/CD.

PROJECTS

Health Habit Tracker, CUNY Tech Prep Hackathon - [GitHub](#)   **Aug 26th, 2022**
- Created a web application that motivates users to develop a good habit by keeping track of their past health activities.
- Implemented backend by creating a REST API using Flask, and Flask RESTful; using SQLAlchemy for database. Allowing frontend to register or login user, create log for the healthy activity, and retrieving or creating setting datas.

Vanilla Javascript Shopping Cart - [GitHub](#)   **Aug 10th, 2022**
- Developed a shopping cart web application that includes two web pages for users to online shop.
- Implemented by HTML, CSS, Javascript, and DOM. Using browser local storage to save the shopping cart information so that users can continue shopping when revisit the application.

Shopping App in Java - [GitHub](#)   **Aug 7th, 2022**
- Collaborate with 6 people to develop a shopping app that has 3 GUIs including shopping page, cart page, and a coupon pop-up to get a discount.
- Practiced layered architecture, and utilized industry best practices or design patterns such as Iterator pattern, and Decorator pattern.
- Implemented coupon pop-up by Java Swing library, interacts with an object implemented Observer Pattern and displays coupons according to coupon's availability to users. Responsive coupon voucher GUI.

Flash Card App in Python - [GitHub](#)   **June 10th, 2022**
- Developed an application to help users to remember vocabularies in another language by mimicking the properties of flash cards.
- Implemented GUI by Python Tkinter module, vocabularies loaded and saved from a csv file. The app shows a vocabulary and flash card flipped after 2 seconds, users remember the meaning and click 'x' or '✔' buttons.

Terminal Group Chat in Java - [GitHub](#)   **May 3rd, 2022**
- Created a terminal application allows multiple users to chat.
- Implemented using Java Socket to achieve the internet connection between different devices, practiced asynchronous programming by using Thread to allow the program listen to messages from other users while sending messages to the chat.

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 lacks the skill to speak English, quick reaction, collaboration with colleagues, and calmly deal with enormous amount of orders during busy hours.

ACTIVITY
Best Backend - CUNY Tech Prep Hackathon 2022