

Tsz Chung (Matthew) Cheung

[Github](#) | [Linkedin](#) | [Personal Portfolio](#)

Software Engineer

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EDUCATION

The City College of New York, New York, New York

Graduation: January 2022 (GPA: 3.21)

- Relevant Coursework: Data Structures, Foundations of Computers, Systems Algorithms, Software Design Laboratory, Machine Learning, Operating Systems

EXPERIENCE

Helping Hands, New York – Backend Volunteer

August 2021 - October 2021

- Modified the displayed fail trip counter that reduces the chances of a user doing the same trip by 85%.
- Programmed a JSON parsing function that return the information that was needed for the frontend and decreased the loading time of the website by 75%.

HealCo, New Jersey — Full Stack Intern

June 2020 - November 2020

- Troubleshoot various bugs in the website which decreased the website loading time by 85%.
- Installed new features such as a rent calculator and account deactivation buttons which increased HealCo's users base by 55%.
- Overhauled the style of the website for better user experiences.

PROJECTS

Discord Server Bot – Python

- A server bot that gives compliments when commands are typed, the bot includes 10 different commands.
- Over 100 different words will trigger the bot's automatic response and response with certain jokes

Plates Perfecto — Swift, iOS

- Designed an app that suggests 5- 10 different recipes based on the user's time and ingredients on hand.
- Customized different screens that suggest different meals for different categories such as breakfast, lunch, and dinner

Cryptocurrency Tracker — Javascript, React

- Developed an app that keeps track of 3 different cryptocurrencies of the user's choice
- Gathered prices online and kept the app updated every minute with new prices in real-time

TECHNICAL SKILLS

- C++
- Python
- JavaScript
- React
- Swift
- TypeScript
- HTML
- CSS

LANGUAGES

- Cantonese
- Mandarin

HACKATHONS

hackNY: Participant – Programmed a Chinese poker game with JavaScript and React. Reached top 10 for best projects.

Stonybrook Hackathon: Participant – Worked with a group of 4 and used JavaScript and React to create a cryptocurrency tracker. Awarded 6th place for most useful project.

Clubs

Chinese Students and Scholars Association of CCNY, Member