

Tszfai Choy

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EDUCATION

Rochester Institute of Technology
Bachelor of Science in Software Engineering

Rochester, NY
August 2022 — May 2026

EXPERIENCE

International Socioeconomics Laboratory
Software Engineering Director

January 2021 — February 2022
New York, NY

- Collaborated with and led a team of developers to build modern and responsive websites using HTML, CSS and JavaScript
- Deployed Agile development methodology within the team, prioritizing incremental improvements

Finxerunt Policy Institute
Web Developer

June 2020 — January 2021
New York, NY

- Implemented donations page, resulting in over \$200 of raised funds
- Utilized HTML, CSS and JavaScript to create fully responsive full stack websites for a student led non-profit organization

STEM From Scratch
Writer and Editor

March 2021 — March 2022
New York, NY

- Authored 30+ articles on Data Structures and Algorithms for 1000+ viewers per month

Brooklyn Public Library
IT Intern

September 2019 — May 2020
New York, NY

- Facilitated and conducted computer training workshops, catering to an audience of more than 30 participants.
- Utilized Microsoft Office Tools in order to organize and parse large amounts of data.
- Guided patrons through various technological problems that arose within the library's machines

PROJECTS

Tszfai.dev/ | *HTML/CSS, React*

- Developed and hosted portfolio page to showcase work, utilizing React in the front end

Planet Crypton | *HTML/CSS, JavaScript, React, Axios*

- Created real time cryptocurrency tracker pulling information from an API with React as the frontend
- Categorized, ranked and grouped information in a clear digestible manner

Happy Worm | *HTML/CSS, JavaScript, React*

- Developed snake inspired game with dynamically colored worm
- Implemented interactive menus to improve user experience

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C, C++, Python, Java, HTML/CSS, Bash

Frameworks/Libraries: React, Tailwind, Bootstrap, Node.js, Express.js, jQuery, Jest, JUnit, Electron, SASS

Developer Tools: Git, GitHub, VS Code, Visual Studio, MongoDB

Other: WordPress, Microsoft Office Tools, Scrum, Docker