Tszfai Choy

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EDUCATION

Rochester Institute of Technology   Rochester, NY
Bachelor of Science in Software Engineering   *August 2022 — May 2026*

EXPERIENCE

International Socioeconomics Laboratory   June 2020 — February 2022
Software Engineering Director   *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   June 2020 — January 2022
Web Developer   *New York, NY*
- Utilized HTML, CSS and JavaScript to create fully responsive full stack websites for a student led non-profit organization
- Implemented donations page, resulting in over $200 of raised funds

STEM From Scratch   March 2021 — March 2022
Writer and Editor   *New York, NY*
- Authored 30+ articles on Data Structures and Algorithms for 1000+ viewers per month

Brooklyn Public Library   September 2019 — May 2020
IT Intern   *New York, NY*
- Assisted in delivering computer training workshops to over 30 attendees
- 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