

Kester Tan

[Contact](#) | [Linkedin](#) | [Website](#) | [Github](#)

Education

Carnegie Mellon University

Pittsburgh, 2026

B. Sc. Information Systems

Skills

Python | JavaScript (Node.js) | MongoDB | Express.js | HTML | CSS

Work Experience

Hypotenuse AI (YC 20) | Singapore | Product and Business Development

Tech stack: Python, JavaScript, Figma

Feb '22 - Current

- Created an event-tracking system to drive in-depth data analytics, key business decisions & targeted customer engagement campaigns
- Conceptualized and implemented improvements for mobile responsiveness and UI/UX
- Designed and created web pages, ranked on the first page of Google and reached over 2000 views/month
- Improved user authentication process using email verification APIs
- Product management of new features

ShopBack | Singapore | People Operations

Tech stack: Python

Jan '20 - Mar'20

- Created a HR request tracker to improve the process of internal requests in the company, used by 100+ employees

Projects

Crypto Bot — Personal Project

- Used **Telegraf and JavaScript** to create a Crypto Bot amongst other telegram bots for regular crypto updates

The Daily Bugle — Group Project, Shopee Hackathon

- Used **Node.js, Express.js, EJS, Lodash, and MongoDB Atlas** to create a [website](#) for users to log their blog entries

To-Do List — Personal Project, Coursera Web Development course

- Used **Node.js, Express.js, EJS, Lodash, Bootstrap, and MongoDB Atlas** to create a [website](#) for users to create to-do lists

This is Finance — Personal Project, Harvard's CS50x Introduction to Computer Science

- Used **Flask and JavaScript** to formulate a Finance planning calculator used by my friends

Other

Canoe Sprint — Ex-Singapore U18 Team, Exco of high school team

- 22x National Medalist

Republic of Singapore Air Force — Lieutenant

- Appointed as Air IMINT Officer, managed daily conduct and training for 120 cadets

Project Innervate — Co-founder, Exco

- Created a non-profit project to raise awareness for Parkinson's Disease, 1st @International [FPSP conference](#)

LIQNFT — Discord bots, community manager

- Created and implemented discord bots in [LIQNFT](#)'s community, grew community from initial 100 to 4700+ today