

# Kester Tan

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## Education

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**Carnegie Mellon University**

**Pittsburgh, 2025**

*B. Sc. Information Systems + Computer Science*

## Work Experience

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**ZUZLab | Software Engineer**

*Tech stack: React, TypeScript*

**Sept '22 - Current**

- Working on a marketplace that facilitates the purchasing and selling of Zuz (local digital currency)

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

*Tech stack: Python, JavaScript, Figma*

**Feb '22 - Aug'22**

- 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 | 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

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**HowYa** — Group Project, Calhacks 2022

- Used **Swift, SwiftUI, NodeJS, Prisma ORM, CockroachDB & Keras** to create a sentiment analysis journal app

**The Daily Bugle** — Group Project, Shopee Hackathon

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

**Telegram Bots** — Personal Project

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

**This is Finance** — Personal Project, Harvard's CS50x

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

**Block Market** — Group Project, CMU's Hack22

- Used **Python** to create a discord bot to facilitate networking and selling of meal blocks between CMU students

## Other

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

**Jan '14 - Dec'19**

- 22x National Medalist

**Republic of Singapore Air Force** — Lieutenant, Air IMINT Officer

**Mar '20 - Feb' 22**

- Managed daily conduct and training for 120 cadets
- One of 37 officers chosen for the National Day Parade and SAF Day Parade, nationally broadcasted events

**Project Innervate** — Co-founder, Exco

**Mar' 16 - Current**

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