Joachim Tan

FULL STACK DEVELOPER

SUMMARY

I am currently a **Penultimate Computer Science Major** at the **University Of Exeter**. My interests are in **Full Stack Development** and **Quantitative Trading**.

I have always been interested in the inner workings of websites and applications. I wrote my first few programs in **Python** guided by a book that my parents had bought. The time spent working on them brought me much joy.

I had my first formal coding class when I enrolled in Singapore Polytechnic. I had so much fun doing school projects that I took on my own side projects, making telegram bots and coding a system in **C++** that would record my online shop sales. The experience made me fall in love with the process of building products that improve our lives.

During my National Service, I continued pursuing my interest by taking online courses on **SEO, Django, Figma & React.** These skills helped me build my own website and host my expense tracker telegram bot using **Heroku.**

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REFERENCES

Shaun Goh, Lecturer
shaun_goh@sp.edu.sg
Regina Moh, Senior Talent Acquisition Partner
reginamohhy@gmail.com

RELEVANT EXPERIENCE

Software Engineer Intern , UBS	Jun 2023 - Present

- Build a new trading platform.

Backend Developer, Hatless Studio	Apr 2023 - Present
Web Designer , SG Criminal Case Summary Repository	Dec 2022 - Present

- Provide and propose technological solutions for organisational needs.
- Manage & update site.

Technology Director , United Kingdom Singapore Students Council	Nov 2022 - Present

- Manage & Update site.

Co-Founder & Full-Stack Developer , BridgeTheGap	Jul 2022 - Present

- Tools: HTML, CSS, Javascript
- Co-Founded BridgeTheGap a non-profit organisation to give disadvantaged youths access to tech education in Singapore
- Led & Developed the website.

Data Analyst , SG Enable	May 2022 - Sept 2022

- Tools: Python, Openpyxl, Pandas, PyQt5.
- Lead, Create & Develop desktop software to generate graphs and automate data collection & data sorting. Improving productivity and reducing visualisation time by 50%.
- Perform Data Analytics to gain further insights, predict trends & sudden spikes in assistance requests to better prepare infrastructure to meet sudden demand.

Instructor , Little Coder	May 2022 - Present

- 700+ Hours Taught, 80+ Students Aged 5-16
- Languages: Python, Java, Lua, JavaScript, HTML5, CSS
- Involved in Curriculum Development, Teach and conduct coding, STEM and technology related classes and programs.

EDUCATION

Bsc Computer Science , University Of Exeter	2022- May 2024

- Entry Into 2nd Year.
- Co-Founder of the UK Singapore STEM Society(UKSSS)
- Led & Developed the website.

Diploma in Computer Engineering , Singapore Polytechnic	2017-2020

- Vice Captain & Treasurer of the Waterpolo Team

PROJECTS

HackUPC 2023 (Won Category Prize)
Full-Stack Developer
- Built **Mikasa.tech** an AI Powered Apartment Recommendation Platform

University Of Exeter Computer Science Department Hackathon 2022
Full-Stack Developer
- Won the Academics round, the task was to produce an art piece that represents the University of Exeter.
- Placed 2nd in the Computer Science Student Reps Round, the task was to solve a collection of Python Puzzles worth different points based on their difficulty.

JP Morgan Code For Good Hackathon - Glasgow 2022
Full-Stack Developer
Climate Hack Hackathon 2022
Team Leader, Technical Lead

SKILLS

Languages: HTML, CSS, JavaScript, Python, C++, Java, VBA, Lua
Tools: Figma, DJango, Git, Bulma, Bootstrap