

# 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**.

### CONTACT



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### REFERENCES

Shaun Goh, Lecturer  
[shaun\\_goh@sp.edu.sg](mailto:shaun_goh@sp.edu.sg)

### RELEVANT EXPERIENCE

#### 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 for **BridgeTheGap.SG**

#### 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

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

#### Engineering Intern

##### Royal Dutch Shell

Mar 2019 - Aug 2019

- Collaborated & worked with Reliability Department stakeholders on their needs gathering & project mapping.
- Learnt & Applied VBA, Power BI & Microsoft Access during the internship project.
- Project Delivered: Data Visualisation Automation that reduced time taken to analyse data by 50%

### EDUCATION

#### Bsc Computer Science

##### University Of Exeter

2022- Jun 2024

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

#### Diploma in Computer Engineering

##### Singapore Polytechnic

2017-2020

- Vice Captain & Treasurer of the Waterpolo Team

### PROJECTS

#### 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, React.js

**Tools:** Figma, Django, Git, Bulma, Bootstrap

**PERSONAL DETAILS:**

Nationality: Singaporean, On UK Student Visa till 2024, Graduate Visa till 2026

Location: Exeter, UK

Languages Spoken: English, Chinese

Languages Written: English

Internship Availability: Part-time Internship all year round

**Full-Time Internship**

Winter: 17th Dec - 8th Jan

Spring: 1st Apr - 31st Apr

Summer: 17th Jun - 25th Sept