

Tan Xing Jie

<https://xingjie-portfolio.netlify.app/> | <https://www.linkedin.com/in/tan-xing-jie-344268220/> |
<https://github.com/xingjie99> | tan.xing.jie@u.nus.edu | +65 9769 0032

TECHNICAL SKILLS

Programming Languages	<i>C, C++, Java, Python, Javascript, Verilog (HDL)</i>
Hardware Experience	<i>Arduino Uno, Raspberry Pi, Lidar, Basys 3 Artix-7 FPGA Board, UM10360 LPC17XX, FRDM-KL25Z</i>
Software Experience	<i>HTML, CSS, ReactJS, Tailwind CSS, Github, React Native, Firebase</i>
Other Experience	<i>Microsoft Word, PowerPoint, Excel, Data Structure and Algorithms.</i>

WORK EXPERIENCE

Certis Cisco	Feb 2020- Aug 2021
<i>General Administrative for IQOS Operations</i>	
<ul style="list-style-type: none">Handled large amount of data on Microsoft Sharepoint and ExcelCollaborated and communicated directly with different parties involved in the IQOS operationIncreased proficiency in Excel such as VLOOKUP, mail merge, filtering and sorting, conditional formatting	

EDUCATION

National University of Singapore (NUS)	Aug 2020 – May 2024
<i>Bachelor of Engineering in Computer Engineering, Honours</i>	
<ul style="list-style-type: none">Current CAP: 4.31/5.00	
Nanyang Junior College	Jan 2016 – Dec 2017
<ul style="list-style-type: none">GCE A' Levels rank point: 80.00<ul style="list-style-type: none">Distinctions in Mathematics, Physics, Chemistry, Project Work	

PROJECTS

Cryptobase (Frontend Individual Project)

<https://github.com/xingjie99/crypto-project>

- Cryptobase is a web app that helps to keep track of cryptocurrency. It is built using **React.js**, **Tailwind CSS** and **Firebase**.

Real-time Operating Systems Project (Hardware/Software Team Project)

<https://www.youtube.com/watch?v=53UcGHGFQo>

- RTOS project is a hardware and software project that focuses on the integration between hardware components and software codes to operate a remote controlled robot in real-time.

Fitbot (Software Team Project)

<https://ay2122s1-cs2113t-f14-2.github.io/tp/>

- Fitbot is a desktop app that helps university students who are looking to keep track of their calorie consumption and calorie output using a Command-Line Interface (CLI) and **Java**.

U&I (Software Pair Project)

<https://tinyurl.com/unireadme>

- U&I is a mobile application for staff and students of NUS to connect with one another and expand their network throughout the university. This application is built using **React Native** and **Firebase**.

CO-CURRICULAR ACTIVITIES

NUS Handball IVP

<i>Member</i>	May 2022 – Present
<ul style="list-style-type: none">Represented the school in competitions	

NUS Sheares Hall

<i>Block President (Sheares Hall Block Committee)</i>	Aug 2021 – Aug 2022
<ul style="list-style-type: none">Lead block committee members to organize weekly block events with 70 participantsProposed and executed multiple hall-wide events alongside other block committees	

Nanyang Junior College

<i>Training Director (Class Leaders' Executive Committee)</i>	Aug 2016 – Aug 2017
<ul style="list-style-type: none">Organised Leadership Training Camp and executed multiple school-wide events	

ADDITIONAL INFORMATION

- Languages:** Proficient in written and spoken English and Mandarin.
- Technical:** Experience in video editing.