Tan Shao Chong

+65 8348 2113
tanshaochong48@gmail.com
linkedin.com/in/tan-shao-chong/
https://www.shaochong.dev

Self-starter and diligent computer science student with a passion to solve problems for social good. Proficient in JavaScript and Web Development. Aspiring to apply my knowledge and skills to overcome real-world challenges.

EXPERIENCE -

Defence Science & Technology Agency, Singapore — *Software Engineer Intern*

FEBRUARY 2022 - JULY 2022

- Worked under the Fleet Management System team to enhance data visualisation and analytics capabilities
- Built web applications integrated with Qlik Sense dashboards, using React.js, nebula.js and enigma.js
- Developed custom visualisation extensions in Qlik Sense, using nebula.js and the D3.js visualisation library
- Designed custom themes in Qlik Sense to streamline UI for their analytical dashboards, using CSS and JSON

EDUCATION -

Nanyang Technological University, Singapore — *Bachelor of Engineering Science (Computer Science) & Master of Science (Technology Management)*

AUGUST 2022 - DECEMBER 2026

- 1 of 40 students accepted into the prestigious Renaissance Engineering Programme (REP) 2022 cohort
- Software developer for REACH (Software Development Club), building platforms for social good
- Project Lead at Makers' Lab, implementing remote monitoring and control of 3D printers, using OctoPrint

Hwa Chong Institution, Singapore — *GCE A-Level (6 Distinctions)*

JANUARY 2014 - DECEMBER 2019

- Awarded the Hwa Chong Diploma with Distinction and the Outstanding Student Award for outstanding conduct, service and achievements
- Managed training sessions and competition preparation for the Taekwondo Club, which won 2 National Interschool Championship Titles during my term in the Executive Committee
- Led a service learning project to raise awareness and funds for ACRES, which was selected for the YMCA Youth-For-Causes 2018 Programme (recognition of social entrepreneurship and community leadership)

PROJECTS -

Personal Portfolio — *Web Application [Next.js]* — https://www.shaochong.dev

- A portfolio website to document my web development and programming journey

Shopee Product & Design Challenge 2022 — *UI/UX, Product Management [Figma, Figjam]*

- One of the top 20 teams nationwide shortlisted into the Semi-Finals
- Proposed unique business model and UI/UX improvements for Shopee's underutilised ShopeePay Near Me feature

SKILLS - JavaScript, HTML, CSS, SQL, QlikSense, Web Development (MERN Stack)