Gabriel Chang

Year 1 Undergraduate at NUS









HOBBIES

Diving

Running

Squash

Strategy Games

LANGUAGES

CSS HTML Pug Python SASS **TypeScript**

FRAMEWORKS

Astro React

TOOLS

Express Firebase Git Jest MongoDB NodeJS Tailwind Webpack

EDUCATION

National University of Singapore Bachelor of Computing, Computer Science

2023 — present

St Joseph's Institution International

International Baccalaureate 2014 - 2020

EXPERIENCE

Singapore Police Force (NS)

Deputy Officer in Charge 2021 - 2023

AWARDS

Commander's Award

Dec 2022

Awarded for outstanding performance as a Deputy Officer In-Charge in Protective Security Unit Alpha.

PROFILE

I am presently a Computer Science student at NUS. During the period between my National Service and University enrollment, I embarked on a journey into Web Development through The Odin Project. I possess a strong eagerness to continue my development and learning as a developer, engaging with new projects and frameworks.

PROJECTS

My Portfolio

I selected Astro for its content-focused framework, a perfect fit for my portfolio project. Its component islands allow seamless integration of UI libraries if needed. Markdown files hold content with front matter for data, dynamically generating pages during build for my static site hosting.

CSS **SCSS** Astro **TypeScript**

Photo Tagging App

This web application replicates the concept of the popular game "Where's Waldo." Firebase is used as a back end service to store the images and locations of all the characters. The project utilises Tailwind CSS and incorporates the Flowbite UI component library to enhance the user interface. By combining these technologies, the app aims to provide a visually appealing and interactive experience for users.

Firebase Flowbite Tailwind React

Shopping Cart Project

The Shopping Cart Project is a web application designed to provide users with a shopping experience. The main features of the project include a shopping cart functionality and integration with an API for fetching product data. The project is to practice using React Router in order to produce a multi-page website. This project is part of The Odin Project, an open source course.

JavaScript React **SCSS**