



Aden Teo

Computer Engineering
Undergraduate

CONTACT



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EDUCATION

2021 - Expected May 2025

National University of Singapore

COMPUTER ENGINEERING

Relevant courses

- CG1111A/CG2111A Engineering Principles and Practice I & II
- EE2211 Introduction to Machine Learning
- CS2040 Data Structures & Algorithms

Technical Skills

Languages

C, C++, Python, JavaScript, Java, HTML, CSS

Frameworks

React Native, Bootstrap, GreenSock, Supabase

Tools

Git, MATLAB, R Studio, Ubuntu, Raspberry Pi, Arduino, Vim, RViz

Tools

Proficient in hardware components etc. Infrared/Ultrasonic sensors, Arduino Uno, Raspberry Pi, LiDAR-based SLAM system.

PROFILE

Passionate and hardworking individual currently pursuing a degree in Computer Engineering. Experienced in web-requests and Chrome Extension development. Built multiple personal full-stack applications, specializing in web automation. Looking to grow as an aspiring Software Developer and continue honing my technical skills. Ready to bring my fiery enthusiasm to new environments and expand my knowledge in my interests.

PERSONAL PROJECTS & WORK

ChromeAIO | Google Chrome Extension

2021 - Present

- Developed a custom all-in-one Google Chrome Extension to automate purchasing processes on major e-commerce websites, such as Shopify, Adidas and Nike.
- Optimised HTTP requests to perform blazing fast automation.
- Synced all concurrent actions to user-defined Discord webhooks.
- Generated over S\$10k in profits till date.

Technologies involved: JavaScript, HTML, CSS

GaruLaundry | Telegram Laundry Bot

2022 September - 2022 December

- Integrated ESP32 with MC-32 Door magnetic switches in a wired circuit to provide live statuses of appliances in a residential laundry room via Telegram Bot.

Technologies involved: C++, ESP32, MC-32, Telegram API

NUSportsHub | Mobile Application

2022 May - 2022 September

- Built a mobile application for NUS students' sporting needs.
- Implemented both front-end & back-end on Expo with user-data hosted on Supabase.
- Developed features such as displaying real-time gym capacities & facilities' availability.

Technologies involved: ReactJS, React Native, Supabase