

TEO JUN YONG ADEN

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PROFILE

Passionate and hard-working 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 technical skills.

Ready to bring fiery enthusiasm to new environments and expand knowledge in interests.

SKILLS

- Languages: C, C++, Python, JavaScript, Java, HTML, CSS
- Software tools: Software: Figma | Git | MATLAB | R Studio | Ubuntu | Raspberry Pi | Arduino | Vim | RViz
- Frameworks: React Native, Bootstrap, GreenSock, Supabase
- Hardware tools: Hardware: Infra-red/Ultrasonic sensors | Arduino Uno | Raspberry Pi | LiDAR-based SLAM system

PROJECTS

GaruLaundry | Telegram Laundry Bot

Sep 2022 - Dec 2022

- Integrated ESP32 with MC-32 Door magnetic switches in a wired circuit to provide live statuses of appliances in residential laundry room via Telegram Bot. Served 100+ residents daily.
- Technologies involved: C++, ESP32, MC-32, Telegram API.

ChromeAIO | Google Chrome Extension, Software Developer

Jan 2021 - Nov 2022

- 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 web-hooks. Generated over S\$10k in profits to date.
- Technologies involved: JavaScript, HTML, CSS.

NUSportsHub | Mobile Application, Full-stack Developer

May 2022 - Sep 2022

- Spearheaded a full-stack mobile application for NUS students' sporting needs.
- Implemented both front-end & back-end on Expo with user data hosted on Supabase.
- Introduced features such as real-time gym capacities & facilities' availability.
- Technologies involved: ReactJS, React Native, Supabase.

Inventory Monitor, Software Developer

Jun 2021 - Jul 2021

- Wrote Python scripts to scrape inventory levels of target products from major E-commerce sites such as Footlocker and Shopify.
- Integrated real-time web-hooks to users via Discord API.
- Technologies involved: Python Requests, Discord API.

EXPERIENCE

Fiverr, Freelance Software Developer**Apr 2021 - Jun 2021**

- Fulfilled 5+ small to medium-scale projects ranging from \$10 USD to \$150 USD within a month.
- Built Google Chrome extensions and Python automation scripts, specialising in HTTP request methods.
- Generated thousands (USD) in revenue for customers.

EDUCATION

National University of Singapore (NUS)**Aug 2021 - May 2025****Bachelor of Engineering in Computer Engineering**

Available to work from 4th May 2023 to 31st July 2023

Meridian Junior College**Feb 2017 - Nov 2018****GCE-A-Level**

- Physics, Chemistry, Mathematics , Economics, General Paper

RELEVANT COURSES

- CG1111A/CG2111A Engineering Principles and Practice I & II
- EE2211 Introduction to Machine Learning
- CS2040 Data Structures & Algorithms
- CS2113 Software Engineering & Object-Oriented Programming

EXTRA CURRICULAR ACTIVITIES

Table Tennis, Main Team Player

- Represented main school team in Anglican High School (2013-2016), Meridian Junior College (2017-2018), and College of Alice and Peter Tan (2021-2023)

College of Alice and Peter Tan (CAPT), House Committee Member

- Collaborated in a team of 4 to organise social events for over 100 college residents.
- Utilised software tools such as Canva & Procreate to design publicity materials.