Charles **Yeh**

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Technical Skills

Proficient JavaScript, React JS, HTML/CSS, Java, AWS serverless framework, Agile
Familiar Python, SQL, Android Studio, Git, R, Tableau

Work Experience

Freelance Web Developer   Sep 2021 – PRESENT
- Establish and maintain a multi-lingual website Taiwan-Japan exchange platform.

Greata International Corp FAE ENGINEER   *Taiwan, Taipei* Apr 2019 - Oct 2019
- Worked with Delta Electronics to support the Government Street lamp intelligent lighting system project in Taoyuan City.
- Cooperate with the Sales team to introduce MCU to customers and provide possible solutions.
- Assist customers to determine product requirements, provide pre-sales and after-sales technical support to customers including technical problem solving and training.
- Support and coordinate the work between sales and technical department and develop company's product and progress tracking.
- Examine failure Microchip IC testing and troubleshooting using **C programming** and oscilloscope.

Workforce Development Agency (WDA) TEACHING ASSISTANT   *Taiwan, Taipei* Aug 2018 - Oct 2020
- Assist students in solving IT related problems for various certificates, including different computer C-level Technician certificates.

Education

Monash University   *Melbourne, Australia* Mar 2020 - Dec 2021
- Master of Information technology

National Dong Hwa University   *Taipei, Taiwan* Sep 2014 - June 2018
- Bachelor of Computer Science

California State University of Monterey Bay   *California, USA* Aug 2017 - Jan 2018
- Exchange Student
- Awarded International exchange scholarship from Ministry of Education, Taiwan

Projects

Skindicator-x Website   2021
- A free service website designed to raise skin health awareness allows users to check their moles and find the nearest dermatologist.
- Use **React** framework to build UI/UX design and use **Tableau** to show visualization of the skin cancer cases distribution in Australia.
- Use **AWS serverless framework (S3, Lambda function, API gateway)** as back-end and link to front-end using **RESTful API** calls

Australia Housing Price Analysis Website   2021
- A narrative visualisation website designed to show the average housing price and focus on the impact of population and top universities' location.
- Collect open data from Australian Bureau of Statistics and Kaggle, use **Python** for data wrangling (deal with null, invalidate value to realize data normalize and standard)
- Use **D3.js** to realize data visualization including Choropleth map to show the geo-distribution and animation bar chart to show housing price through timeline.

Pain Diary Android Application   2021
- A healthcare Android application that allows users to keep record of their pain experience and present monthly report of the pain level.
- Developed by **Android studio** (Java) and its MVVM architecture (room database/ viewmodel and live data) with **Firebase** to manage user accounts.

Taiwan and Japan enterprise exchange platform   2021-PRESENT
- A multilingual website. that provides information exchange and cooperation activities for Taiwanese and Japanese enterprise.