Jonathan Wong Leong Shan

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LinkedIn
GitHub
Portfolio
Puchong, Selangor

A motivated and passionate problem solver with the ability to equip new skills swiftly that is looking to sharpen skills and grow professionally as a Front-End Web Developer in real-world industries to prepare for the workforce in the near future. Extremely proactive when collaborating in a team to brainstorm creative and innovative solutions which encourage the scaling of businesses. Currently searching for Front End Development internship placements of 3 months in Malaysia between 20th November 2022 and 25th February 2023.

EDUCATION

Monash University Malaysia   Bandar Sunway, Selangor
Bachelor of Software Engineering (Honours) - Year 3   Expected completion March 2024
- Relevant Coursework:
    - Engineering Mobile Apps
    - Object-oriented Design and Implementation
    - Software Engineering Process and Management
    - Software Quality and Testing
    - Data Structures and Algorithms

Sunway College   Bandar Sunway, Selangor
Western Australian Certificate of Education (WACE)   Completed December 2019
- ATAR (Australian Tertiary Admission Rank) 91.05
- Top 10% of students who sat for WACE (Western Australia Certificate of Education) in 2019

SMK Pusat Bandar Puchong (1)   Puchong, Selangor
Sijil Pelajaran Malaysia (SPM)   Completed April 2018
- 8 A's (including English, Mathematics, Additional Mathematics, Physics) and 1 B
- Anugerah Kecemerlangan Akademik 2018 receiver

PROJECTS

Product Viewer React Application (Personal)   September 2022
- Implemented a React single-page application which displays products, their price and description
- Coded a custom React hook that calls HTTP requests with the Axios library to access data from mock API containing products, product descriptions and images
- Implemented routing using React router to allow redirecting of a user to another page
- Tools used:
    - **ReactJS**
    - **JavaScript**
    - **Tailwind CSS**
- Website Link: https://reactjstutorial.vercel.app
- GitHub Link: https://bit.ly/3C4dbYD

TechTa Web Application (FIT2101—Team-based)   August 2021
Front-end Developer
- Web application project completed for university unit FIT2101 (Software engineering process and management)

- Tools used:
  - **HyperText Markup Language (HTML)**
  - **Cascading Style Sheets (CSS)**
  - **Bootstrap 4**
- Understand and implement the use of **scrum** in project management for delivering software prototype
- This web application is designed for displaying real-time datasets based on a multi-layered **MVC (model-view-controller)** system architecture with the following features:
  - User sign-up, login, log out and authentication
  - Admin dashboard for tracking user information, number of unique users and visits
  - Coronavirus dashboard displaying Covid-19 statistics globally, by continent and by country
- Collaborated with the front-end team in designing and implementing the landing page and user sign-up modal to include all necessary information and interactive elements for users and/or admins
- Website Link: https://datatech-techta.herokuapp.com/

EXTRA-CURRICULAR

"Hello Coders" Mentor Buddy Program, Monash University Malaysia Bandar Sunway, Selangor
Mentor July 2022 – August 2022
- Collaborated in organizing **weekly senior-junior networking sessions** for a team of 14 freshmen
- Organised both **physical and virtual activities** for the team once every 4 consecutive weeks

Shell Eco-Marathon Monash Malaysia, Monash University Malaysia Bandar Sunway, Selangor
Assistant Head of the Intelligence Department September 2021 – Present
- Record and maintain meeting minutes
- Coached new team members in the installation of **Linux Ubuntu Operating System**
- Studied and coached new team members in the installation and learning process of software programs and frameworks required in the Autonomous Programming Competition such as Robot Operating System (ROS), **GitHub** and Carla
- Researched path planning, perception, and control algorithms for an autonomous vehicle using the Robot Operating System (ROS) tested in a simulated environment.

ADDITIONAL INFORMATION

- **Technical Skills**: JavaScript, ReactJS, HTML, CSS, Python, Java, SQL (Oracle), NoSQL (MongoDB), R, Tableau, Unix/Linux, Bootstrap 4
- **Languages**: Fluent in English, Bahasa Malaysia
- **Soft Skills:** Critical Thinking, Teamwork, Communication, Self Awareness, Problem-solving, Highly curious, Time management, Adaptive
- **Online Courses and Certificates:** Learning SQL Programming (LinkedIn Learning), Build your first React JS Application (UDEMY)
- Possess valid driving license