Chong Wei Jie

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EDUCATION

- **Multimedia University** — Cyberjaya, Malaysia
  Diploma in Infomation Technology; current CGPA: (3.93/4.00) — *April 2022 - present*

EXPERIENCE

- **Oyencov** — Internship
  Software Engineer — *March 2024 - present*

CO-CURRICULAR ACTIVITIES/LEADERSHIP EXPERIENCES

- **Hackerspace MMU**
  Secretary — *September 2023 - present*

- **IT Society MMU** — Cyberjaya, Malaysia
  Technical Team Member — *March 2023 - present*
  - **Codenection 2023 (Assistant Head of Technical Team)**: Maintaing the website for Codenection, which is a national programming competition in Malaysia. Implemented featues and fixed bugs on both frontend and backend using React and NestJs
  - **IT Society Committee**: Added new new features such as blog section and article section to the IT society website home page using NextJs
  - **Tech Career Days 2023 (Member of Technical Team)**: Increased responsiveness of the Tech Career Days website, fixed bugs and added functionalities to it.

ACHIEVEMENTS

- **Taylor's University Hackathon 2023** — Top 10 Finalist
  Sustainable Smart City Hackathon
  - **Heco**: Participated in a team. Build a web application that uses an algorithm to recommend the best healthcare facility for user. Algorithm will take in different factors. Factors include distance, cost, rating and reviews. Used a trained ML model to give a sentiment analysis for reviews.

- **ImagineHack 2024** — Best Inovation Award
  Generative AI Hackathon
  - **InventoorAI**: Built a warehouse inventory management system. Used IoT to allow camera to track and label boxes with an object detection model. Data will be displayed in the web app in realtime. Also created a robot that follows boxes with the object detection model. Wishes to implement an ecosystem where all kinds of peripheral devices can connect to Inventoor AI.

PROJECTS

- **Roulette App**: Users can input different items into a list. After that, the app will proceed my randomising the items in a roulette wheel
- **Anime List**: An application similar to My Anime List. Admin will key in different animes into the database. Users are able to view the list of animes. however, users are required to register/login to an account to add the anime into their personal watch list.
- **Student Portal**: A class manager application. Admin can add courses and subjects. Students are able to select a course to enroll in and register the subjects that are available.
- **Messenger App**: A simple chat app. Built to learn how to use websockets.
- **Proxy Server**: A simple proxy server that sends request from client to server and forwards response back to client.
- **Randomiser Api**: An alternative to the roulette app. Two users will join a chatroom. Both of them will input their list of items. The api will then randomiser a common result and lastly a final result through the list sent. Chatroom is implemented via actioncable.

PROGRAMMING SKILLS

- **Languages**: Ruby, Go, Javascript

- **Technologies**: Ruby on Rails, React, NextJs, Gin, Svelte, Postgresql, MySql