KING WEN JOO

Final Year Computer Science Student

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SUMMARY

Detail-oriented Computer Science student passionate about creating responsive and user-friendly web interfaces. Skilled in JavaScript, TypeScript, and modern frontend tools, with experience in building interactive applications through academic and personal projects. Eager to contribute design-thinking, problem-solving, and coding skills to a collaborative frontend development team.

Available for Internship: 15 November 2025 - 27 February 2026

EDUCATION

Monash University Malaysia

Bachelor of Computer Science (Advanced) - CGPA 3.2 / 4.0   *2023 - Now*
Relevant Units: Mobile Application Development (80), Object-Oriented Design (80)

SKILLS

Frontend: JavaScript, TypeScript, HTML, CSS
Frameworks & Tools: React, Node.js, Git, GitHub, VS Code, Android Studio, Figma
Backend / Other: Python, Haskell
Languages: English, Mandarin, Malay
Soft Skills: Teamwork, Communication, Adaptability, Self-Learning

WORK

Service Crew

We Kitchen   *Nov 2022 - Jun 2024*
- Balanced part-time work and studies, strengthening time management and problem-solving under pressure
- Trained new staff members, improving team efficiency and reducing onboarding time

PROJECTS

NutriTrack | *Android Studio, Room Database, REST API*   *April 2025 - May 2025*

- Developed an Android app enabling clinicians to track and analyze patient diets.

- Designed dual interfaces for Clinicians and Admins, improving usability and data management.

- Implemented local data storage using Room Database and AI-driven diet recommendations.

- Integrated Nutrition API for food search and nutritional data retrieval.

Roguelike Text Adventure | *Java, OOP, Git, Design Patterns*   *April 2025 - Jun 2025*

- Built text-based rouguelike game in Java adhering to SOLID Design Principles

- Created UML class and sequence diagrams

- Used Git for collaborative version control

HepaSim | *FYP, Javascript, CSS, HTML, Python*   *Aug 2025 - Now*
- Developing a 3D liver cancer simulation tool with focus on handling STL models for liver and tumor structures
- Implementing simulations, treatment scenarios, charts, and export features
- Designed interactive UI components for virtual surgical resection and outcome evaluation

CLUB & VOLUNTEERS

Monash Music Club | *Member*   *July 2024 - Nov 2024*

Monash University Climbing Club | *Member*   *July 2024 - Now*

MIND ENGINE Expo Career Fair 2025 | *Volunteer*   *Aug 2025*
- Assisted in registration booth and participant check-in
- Coordinated with team members to ensure smooth participant flow accurate data recording
- Work efficiently, improved communication and problem-solving skills

Merdeka Charity Festival Run 2025 | *Volunteer*   *Aug 2025*
- Facilitated Traditional Games Challenge booth, engaging 200+ participants across age groups
- Booth setup/teardown per event SOPs
- Delivered trilingual instructions (EN/BM/Chinese), ensuring inclusivity for all visitors
- Simplified rules, visual prompts, and language switching to include all ages/abilities