

Lim Zhen Yi

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EDUCATION

University of Western Australia

BSc in Computer Science, minor in Creative Writing Studies

Perth, WA

Feb. 2024 – Dec. 2025

- Activities/Organisations: UWA Robotics Club, Coding in Cats, College Yoga Club, UWA Relay for Life
- Scholarships: UWA Global Excellence Scholarship, WA Premier's WACE Bursary recipient

Taylor's University

Bachelor of Computer Science (Artificial Intelligence) (Hons)

Subang Jaya, SGR

Jan. 2023 – Dec. 2023

- Honours/Awards: Completed First-Year Dean's List 2023 — GPA: 3.83/4.00

WORK EXPERIENCE

Harry Perkins Institute of Medical Research

Software Engineer (Team Lead), Digital Solutions

Perth, WA

Jul. 2025 – Nov. 2025

- Managed a 6-member team to develop a 27-page patient-facing mobile health app using Flutter and Dart while maintaining strong client relations, delivering 95% of client-valued features.
- Individually implemented 5 key frontend components, including an interactive educational module worth 30% of client-prioritised features, integrated across 27 app pages supporting core user workflows.

DotDash Technologies

IT Intern, Xmeg Technologies

Petaling Jaya, SGR

Nov. 2024 – Jan. 2025

- Led software testing and quality assurance for 47 features across 12 mobile app modules, resolving a critical, non-functional module to enhance app stability and user experience by 8.33%.
- Evaluated the functionality of 54 features on a client website, identifying and validating 28 issues (51.9%) and verifying 26 (48.1%) as fully operational, delivering actionable insights to prioritise high-impact fixes.
- Deployed 50 telecom devices collaborating in a 5-person team, ensuring accurate IP activation and configuration, achieving 100% client satisfaction and zero reported issues throughout the project.

LEADERSHIP

St Catherine's College

Head of Lighting and Lead Tech Operator, Production Crew

Perth, WA

Mar. – May. 2024, 2025

- Spearheaded lighting operations for 4 charity college plays, managing 24 lighting pieces and working closely with a 30-person crew, boosting audience attendance by 16.67% to increase fundraising success.

Sunway Echo Media

Writer and Mentor, Creative Writing

Subang Jaya, SGR

May. 2022 – Mar. 2023

- Published 9 articles over 10 months within a 20-member team, earning Member of the Month recognition for mentoring new members and improving onboarding efficiency by 50%.

PROJECTS

Plannit | HTML, CSS, JavaScript, Python, Jinja, Flask, SQLite, Selenium, Git

- Coordinated backend development, project management, and QA in a 4-person agile team for a social event planning app.

Water Heater Company Website | ReactJS, NextJS, Tailwind CSS, TypeScript

- Built a responsive promotional website as a freelance developer, delivering custom chat and contact features 2 weeks early.

HomeSwipe | Mobile app-based product (Event sponsored by Atlassian, Anthropic and Jane Street)

- Hack For Homes 2025 – Top 5 Finalist, individually recognised by judges for outstanding presentation skills and Q&A responses.

WriteOrNot | Python, PyTorch

- Engineered an AI language model, implementing deep learning and neural networks to research AI's limits in creative domains.

SKILLS & INTERESTS

- **Programming Languages:** Python, Dart, Golang, C/C++, Java, JavaScript, SQL, HTML/CSS
- **Libraries/Frameworks:** ReactJS, NextJS, Flask, Flutter, MongoDB
- **Developer Tools:** Git, Ubuntu/Linux, Tableau
- **Languages (Spoken & Written):** English, Mandarin Chinese, Malay language
- **Interests:** Baking brownies, reading/writing fiction, original stories in literature and media, swimming, hybrid calisthenics