Lim Zhen Yi

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EDUCATION

University of Western Australia — **Perth, WA**
BSc in Computer Science, minor in Creative Writing Studies — *Feb. 2024 – Dec. 2025*
- Activities/Organisations: UWA Robotics Club, Coding in Cats, College Yoga Club
- Scholarships: UWA Global Excellence Scholarship, WA Premier's WACE Bursary recipient

Taylor's University — **Subang Jaya, SGR**
Bachelor of Computer Science (Artificial Intelligence) (Hons) — *Jan. 2023 – Dec. 2023*
- Honours/Awards: Dean's List 2023 — GPA: 3.83/4.00

WORK EXPERIENCE

Harry Perkins Institute of Medical Research — **Perth, WA**
Software Engineer (Project Lead), Technology Development — *Jul. 2025 – Nov. 2025*
- Guided a 6-member team through UI/UX design and software development using Flutter and Dart for a patient-facing mobile health app, delivering 70% of client-valued features within sprint timelines.
- Architected database systems planning and implementation in Flutter with SQLite integration, enabling core functionality and contributing to 41.46% of completed story points.
- Directed team operations to achieve 84.04% overall project completion, independently developing three key features contributing 23.18% of story points, to ensure on-time delivery, sprint efficiency, and alignment with client priorities.

DotDash Technologies — **Petaling Jaya, SGR**
IT Intern, Xmeg Technologies — *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 — **Perth, WA**
Head of Lighting and Lead Tech Operator, Production Crew — *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 — **Subang Jaya, SGR**
Writer and Mentor, Creative Writing — *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*
- Directed backend development, project management, and QA in a 4-person agile web 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, Go, 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, portrayal of women in film and literature, swimming, hybrid calisthenics