Lim Zhen Yi

zhenyi.lim.mail@gmail.com | (+60) 12311-8691

linkedin.com/in/l-zhenyi | github.com/l-zhenyi | l-zhenyi.vercel.app

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, UWA Relay for Life
- 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 (Team Lead), Digital Solutions   *Jul. 2025 – Nov. 2025*
- Managed a 6-member team through UI/UX prototyping, frontend development, and testing of a patient-facing mobile health app with 27 pages using Flutter and Dart, maintaining strong client relations and delivering 95% of client-valued features.
- Implemented 5 key frontend components, including an interactive educational module worth 30% of client-prioritised features, enhancing user engagement and consistent app performance.

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*
- Coordinated 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, 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 film and literature, swimming, hybrid calisthenics