

# 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
- 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: Dean's List 2023 — GPA: 3.83/4.00

## WORK EXPERIENCE

### Harry Perkins Institute of Medical Research

Software Engineer (Project Lead), Technology Development

Perth, WA  
Jul. 2025 – Nov. 2025

- Guided a 6-member team through UI/UX design and development using Flutter and Dart for a patient-facing mobile health app, driving towards 70% sprint goal completion within timeline targets.
- Orchestrated database architecture planning and implementation in Flutter with SQLite integration, enabling core functionality and contributing to 41.46% of completed story points.

### 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

- 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