

# 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, College Performing Arts Club
- Scholarships: UWA Global Excellence Scholarship, WA Premier's WACE Bursary recipient

### Taylor's University • CGPA: 3.83/4.00

Bachelor of Computer Science (Hons)

Subang Jaya, SGR

Jan. 2023 – Dec. 2023

- Honours/Awards: Dean's List 2023

## SKILLS & INTERESTS

- **Professional Skills:** Communication, team leadership, strong self-discipline
- **Programming Languages:** Python, Golang, C, Java, JavaScript, HTML, CSS, SQL
- **Libraries/Frameworks:** React, Next.js, Tailwind CSS, MongoDB
- **Developer Tools:** Git, Figma, Canva, Tableau, Ubuntu/Linux, Windows
- **Languages (Spoken & Written):** English, Mandarin Chinese, Malay language
- **Interests:** Baking brownies, reading fiction, creative writing, portrayal of women in film and literature, hybrid calisthenics

## WORK EXPERIENCE

### DotDash Technologies

IT Intern, Xmeg Technologies

Petaling Jaya, SGR

Nov. 2024 – Jan. 2025

- Led software testing and quality assurance in a 5-person team for 47 features across 12 mobile app modules, resolving a critical, non-functional module and improving user stability and experience by 8.33%.
- Evaluated the functionality of 54 features on a client's website, identifying and validating 28 issues (51.9%) and confirming 26 (48.1%) as fully operational, improving user experience and prioritising high-impact fixes.

### Freelance

Private Tutor

Perth, WA

Feb. 2024 – Present

- Delivered structured Git/GitHub and Flask tutorials across a series of focused sessions, enabling full project deployment and repository management with a 100% success rate in under 6 weeks.
- Developed a structured curriculum to advance Mandarin proficiency for novice learners, guiding students through 22 modules over 5 months, achieving 4.5% progress per session.

## 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 collaborating with a 30-person crew over 10-week production periods, driving audience attendance up by 16.67% and increasing fundraising success.

## PROJECTS

### Plannit — Interactive Event Planning Platform (*Academic Project*)

- Coordinated backend development, project management and quality-assurance in a 4-person team for a social web app, developing messaging, group creation, member invites and a follow system.
- Tech Stack: Python, Jinja, Flask, SQLite, Selenium, HTML, CSS, JavaScript, Bootstrap

### Go Interpreter — Go-based Custom Interpreter (*Personal Project*)

- Implemented a Go-based interpreter to parse and execute code in a custom language.
- Tech Stack: Golang

### Mini-Language to C Transpiler — Custom mini-language to C transpiler (*Academic Project*)

- Built a transpiler to convert custom mini-language syntax into C code, handling function calls and arithmetic expressions.
- Tech Stack: C