

Ferdy Lim

Master's Applicant - Cybersecurity

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LinkedIn | GitHub | PaluDevHouse

ACADEMIC PROFILE

Computer Science graduate with a 3.72 / 4.00 GPA and experience building production web and mobile systems. Preparing applications to the National University of Singapore, Nanyang Technological University Singapore, and National Taiwan University for advanced study in secure software architecture, privacy, trustworthy systems, and the security implications of AI-enabled applications.

PROPOSED STUDY INTERESTS

- Secure web and mobile application architecture.
- Authentication, authorization, API security, input validation, and secure data handling.
- Software supply-chain risk, dependency security, and secure development practices.
- AI-specific risks including prompt injection, privacy, and trustworthy human-AI interaction.

EDUCATION

Bachelor's Degree in Computer Science | Universitas Mikroskil | 2019-2023

- GPA: 3.72 / 4.00.
- Undergraduate research evaluated Google Classroom usability with the USE Questionnaire and produced a Figma improvement prototype.
- Practiced algorithmic problem-solving through the Mikroskil Programming Club and participated in INC, GEMASTIK, Ideafuse, and ICPC.

RELEVANT PROFESSIONAL EXPERIENCE

Chief Technology Officer | PaluDevHouse | March 2026-Present

- Provide technical leadership for a six-member project team.
- Contribute from inception to all six projects publicly presented by PaluDevHouse.

Senior Frontend Engineer | Alpha Red Solutions Sdn Bhd | March 2025-Present

- Work on scalability, performance, maintainable architecture, and cross-functional technical decisions.

Frontend Engineering Progression | Springkraf | June 2022-February 2025

- Progressed from Frontend Engineer to senior and lead responsibilities across production web and mobile systems.

TEACHING AND COMMUNITY

- Mentored 25 IDCamp React scholarship participants with a documented 92% completion rate.
- Contributed to student and Buddhist community activities, public speaking, reflective writing, and programming practice.

Technical foundation: JavaScript, TypeScript, React, Next.js, React Native, Python, SQL, web performance, application architecture, and technical communication. Cybersecurity and advanced AI are intended areas of graduate study; this CV does not claim professional specialization in either field.