

EDUCATION

- **Xiamen University Malaysia** Sepang, Malaysia
Bachelor of Engineering in Software Engineering (Honours); GPA: 3.73/4.00 2025 – 2029 (Expected)

RESEARCH INTERESTS

AI agents; world models; embodied intelligence; reinforcement learning; efficient adaptation and composition of foundation models.

HONORS & COMPETITIONS

- **International Collegiate Programming Contest (ICPC)** Jakarta / Taoyuan
Asia Pacific Championship Qualifier 2025 – 2026
 - Qualified for the 2026 ICPC Asia Pacific Championship in Taoyuan through the 2025 ICPC Asia Jakarta Regional Contest.
 - Reached a Codeforces rating of 1456 within the first several rated contests.
- **Tsinghua University Student Programming Contest and Collegiate Invitational (THUPC)** Beijing, China
Bronze Medal 2026
 - Earned a bronze medal in the three-person, ICPC-style programming contest.
- **COMAP Mathematical Contest in Modeling / Interdisciplinary Contest in Modeling (MCM/ICM)** 2026
Honorable Mention
 - Designed the core modelling and implementation framework used in the team's final solution, covering model formulation, algorithm design, and computational implementation.

SELECTED PROJECTS

- **DisposableResume** | *React, TypeScript, Zod, @react-pdf/renderer, Cloudflare Pages* | GitHub | Live Demo 2026
 - Developed and deployed a zero-retention, browser-only resume builder with live preview, three PDF templates, and entirely client-side PDF export; resume content is never sent to a rendering backend.
 - Released v0.2.0 with versioned JSON import/export, strict validation, automated linting, type-checking and tests, plus a restrictive content security policy for static deployment.
- **AutoPet** | *Electron, React, TypeScript, Python, Pillow* | GitHub 2026
 - Designed and implemented a Windows-first, local desktop application that converts a transparent PNG into a lightweight animated desktop pet using Electron applications and a Python image-processing pipeline.
 - Built a manifest-driven pet-package schema and validator, deterministic sprite-sheet and preview generation, local package loading, a transparent always-on-top runtime, and Windows CI/test workflows.

TECHNICAL SKILLS

- **Programming:** C++, C, TypeScript/JavaScript, Python
- **Frameworks & Tools:** React, Electron, Git/GitHub, LaTeX, Vite, Cloudflare Pages
- **Core Strengths:** Data structures and algorithms, competitive programming, software architecture, debugging, and testing and CI workflows