

Lai Man To

Frontend Designer / UI Engineer Intern

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SUMMARY

Design-minded frontend engineer working fluently between Figma and production code. Builds responsive, polished interfaces with strong layout sensibility. Experienced in AI-augmented development workflows and GitHub deployment.

EDUCATION

BEng Computer Engineering & AI Expected 2027

The Hong Kong University of Science and Technology (HKUST)

- Relevant: Data Structures, AI Foundations, Robotics, Embedded Systems

HKDSE Class of 2023

TWGHs Wong Fut Nam College

- Level 5* English (Speaking); Level 5 English, Mathematics, Physics

FRONTEND & DESIGN PROJECTS

Sport Climbing Society Webpage

Figma · JavaScript · GitHub Pages

- Directed full UI/UX overhaul in Figma; responsive front-end with streamlined registration and event access
- AI-assisted code generation from prototype to live deployment; maintained via Git version control

AI Link-Saver & Summarizer

JavaScript · LLM API · Cloud DB

- Cross-platform UI with cloud-synced database; debugged video-based social media metadata edge cases

Python Turtle Vector Renderer

Python · Computational Geometry

- Custom interpreter mapping 500+ path nodes to vector paths; automated resolution-independent scaling

All-in-One Combat Bot — Mobile Controller UI

Mobile App · BLE · Arduino

- Designed and built controller app with joystick mapping and real-time BLE status; part of 1st-place team

International Student Support Agent — Conversational UX

Diify · Prompt Engineering

- Iterated system prompts for empathetic tone; implemented privacy guards within prompt logic

EXPERIENCE

Vice President & Team Captain 2024 – Present

HKUST Sport Climbing Society

- Directed operations for 200+ members; 25% growth; maintained Git-managed website
- Secured 5 corporate sponsorships; presented to HKUST Sports Dept and LCSD

Climbing Coach & Counter Staff 2024 – Present

Lead Climbing Gyms

- Managed 300+ entry client database; delivered training programmes for 20+ students

CERTIFICATIONS

Introduction to HTML5 & CSS3 — University of Michigan (2026)

Interactivity with JavaScript — University of Michigan (2026)

Advanced Creative Thinking and AI: Tools for Success — Imperial College London (2026)

SKILLS

Frontend & Design: JavaScript, HTML5/CSS3, Figma, UI/UX Design, Responsive Layout, GitHub Pages, Git

AI-Augmented Workflow: AI-Assisted Code Generation, Prompt Engineering, GitHub Deployment

Also comfortable with: Python, Arduino IDE, Shapr3D, PostgreSQL, Docker

Languages: English (native), Cantonese (native), Mandarin (native), Hakka (intermediate)