

YUEZE HAN

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SUMMARY

CS graduate (87.63/100) and Master of AI candidate at Monash University. Hands-on builder of AI-native products — independently shipped a Chrome extension with National Copyright Registration, delivered LLM + Knowledge Graph applications end-to-end, and built full-stack web platforms from scratch.

EDUCATION

- Monash University Selangor, Malaysia** **Feb 2026 – Jun 2027 (Expected)**
Master of Artificial Intelligence (MAI)
- **Core:** Fundamentals of AI, Multi-Agent Systems, IT Research Methods, Project Management; **Upcoming:** Deep Learning, Machine Learning, Industry Experience Studio Project
- Inner Mongolia University of Technology Hohhot, China** **Sep 2021 – Jul 2025**
Bachelor of Engineering, Computer Science and Technology
- **Average Score:** 87.63 / 100; **Relevant:** Data Structures, Algorithm Design, OS, Networks, Databases, Machine Learning

EXPERIENCE

- Gao Hui Qiang Xue Software Co., Ltd. Hainan, China** **Aug – Sep 2024**
Project Trainee — AI Medical Q&A System
- **Built** a domain-specific Q&A demo using Baichuan LLM and Neo4j knowledge graph (22,462 entities, 196,232 edges) for medical consultation
 - **Performed** data preprocessing (segmentation, cleaning, vectorization) and deployed services via Docker containers
 - **Developed** Gradio-based interactive frontend; entity-recognition smart routing reduced LLM API calls by ~70%
 - **Coordinated** project timeline and led final presentation to stakeholders

PROJECTS

- Shanbei Word-to-Image Assistant V1.0 | Chrome Extension, Manifest V3, JS, Google API** **Oct – Dec 2025**
Independent Developer · National Copyright Registration (Reg. No. 2026SR0163177)
- **Identified** a UX gap in Shanbei vocabulary app — users had to switch tabs to search word images, breaking study flow
 - **Built** a Chrome extension: press Ctrl+Shift+I to auto-detect the current word and display 6 relevant images in a floating overlay via Google Custom Search API (<1.5s response, ~95% word detection accuracy)
 - **Delivered** V1.0 that passed national copyright review; publicly available on GitHub
- hanyueze.top — Personal AI Portfolio | Vercel, Supabase, GitHub** **Jul 2025 – Present**
Independent Full-Stack Developer
- **Built** a portfolio web app from scratch: domain config, frontend/backend, cloud deployment, and feedback collection
 - **Integrated** Supabase for data persistence and Tally for user feedback collection
- LightNet-Monitor — Lightweight Network Traffic Monitoring Platform | Python, tshark, Flask** **Jan – Jun 2025**
Bachelor's Thesis Project
- **Built** a real-time packet capture and protocol analysis platform (TCP/UDP/ICMP) with anomaly alerting, visual dashboards, and multi-user permission management
- Adversarial Search AI Agent (Pac-Man) | Python, Alpha-Beta, BFS** **Mar 2026**
Monash FIT5047 Course Project
- **Designed** a game-playing agent for multi-ghost adversarial Pac-Man under a 10s time budget
 - **Implemented** Alpha-Beta pruning with move ordering ($b \rightarrow \sqrt{b}$), top-2 ghost pruning, BFS caching, loop-penalty evaluation
 - **Achieved** 34 wins / 1 draw across 35 instances; 6 reached perfect-score baseline; ablation studies verified each component

SKILLS

- **Programming:** Python (proficient); C/C++, Java, SQL (comfortable reading & modifying)
- **Databases & DevOps:** MySQL, SQLite (proficient); Supabase, Docker, Git, Vercel; HTML/CSS/Bootstrap
- **AI / LLM:** LLM app dev (Baichuan, GPT, Tencent Yuanbao APIs), prompt engineering, RAG, Neo4j, Gradio — *hands-on project experience*
- **Product Tools:** Axure, Figma (comfortable); Excel data modelling & pivot tables (proficient); Notion, XMind, Trello
- **Languages:** Mandarin (native), English (working proficiency — fully English-taught Master's program)

CERTIFICATIONS & AWARDS

- **National Software Copyright** — Shanbei Word-to-Image Assistant V1.0 (Reg. No. 2026SR0163177)
- **Coursera Certifications x 6:** Product Management (IBM/SkillUp) x 3; Generative AI (IBM/Maven) x 3
- **Honors:** Sci-Tech Innovation Award (2023); Scholarship x 2; CET-6; National English Competition Third Prize