Leung Yu Lap

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https://github.com/LeungYuLap19

SUMMARY

Year 4 CS student with strong Machine Learning theory and project experience in software engineering. Skilled in AI-assisted coding to accelerate development. Eager to apply skills in relevant fields and positions, leveraging AI tools for coding, and learn from professionals to innovate.

EDUCATION

Hang Seng University of Hong Kong   **Hong Kong**
Bachelor's degree   *Aug 2021 - Jan 2026*

- Major: Applied Computing
- CGPA: 3.16/4
- Academic Honors: Dean's List 23/24, Best Progress Award 23/24
- Courses: Java Programming, Computer Network, Database Design and Management, E-commerce Application Development, Mobile Computing, Machine Learning, Human Computer Interaction, User Experience Designs, Project Management, Probability and Statistics

Tilburg University   **Tilburg, The Netherlands**
Exchange Program   *Jan 2025 - Jul 2025*

- Grade Avg: 8/10
- Courses: Information Management in IBA, Deep Learning (MLP, CNNs, RNNs (LSTM, GRU), Attention and Transformers)

SKILLS

Languages: Java, Python, TypeScript, Tailwind CSS, SQL
Frameworks/Libraries: React, Next.js, Shadcn UI, Express.js, PyTorch
Tools: Android Studio, MS Project, Git, AI-Assisted Coding

CERTIFICATIONS

- IBM RAG and Agentic AI Professional Certificate   *Dec 2025*
- IBM AI Engineering Professional Certificate   *Nov 2025*
- IELTS Academic - Band 7.5   *Nov 2025*
- National Putonghua Proficiency Test 3A   *Jul 2024*
- FreeCodeCamp (Responsive Web Design, Data Analysis with Python)   *Oct 2023*

ACADEMIC & PERSONAL PROJECT EXPERIENCE

School Final Year Project - Rasa Travel Assistant
Technologies: Next.js, Rasa, Firebase

- Check scheduled flights, flight status, accommodations, weather, place-to-go.
- Led full-stack web development, NLP integration, and full project documentation as team leader.
- Website: https://syp-chatbot.vercel.app

E-Commerce Store - Heracles
Technologies: Next.js, Supabase (Postgre), Stripe

- Practice and learn real-life security measures
- Website: https://startup-leungyulap19s-projects.vercel.app/

Travel App – AdventureHub
Technologies: Next.js, Firebase, Redux

- Travel Planner to assign place-to-go in calendar, on map, and place weather
- Place Search and Blogs to share experience with others
- Website: https://next-js-adventure-hub.vercel.app

AI Assistant
Technologies: Python, RAG, LangChain

- Trained assistant that can summarize or answer questions based on provided documents