

LEUNG Yat Hei, Terrence

leungyathei@gmail.com | (+852) 5543-9385 | LinkedIn | Personal Website

EDUCATION

The Chinese University of Hong Kong <i>MSc in Financial Technology</i>	Sep 2026 – Jun 2027
The Hong Kong University of Science and Technology <i>BEng in Computer Science (Major CGA: 3.386/4.3)</i> University Scholarship; Dean's List (Year 1, Fall & Spring Semesters)	Sep 2022 – Jul 2026

WORK EXPERIENCE

Fullgoal Asset Management (HK) Limited (富國資產管理有限公司) <i>Fintech Intern (Part-time), Middle Office Department</i> - Enhancing an n8n-based AI agent workflow to ingest and classify financial news on A-share and Hong Kong-listed stocks, identifying positive and negative market signals and automatically surfacing relevant stocks for analyst review. - Building a LangGraph market-analysis agent integrating market-data retrieval, news scraping and web search, for deployment on Render as a shared API to provide a reusable reasoning service for existing n8n workflows.	Aug 2026 – Present
AIA Group <i>AI Engineer Intern, IT Finance and Planning, Group Technology</i> - Engineered a Python-based data pipeline to extract, validate and consolidate IT financial data across 18 global markets, and developed an HTML dashboard that transformed raw data into actionable insights for Group CTO strategic spend reviews. - Built an AI-assisted financial review workflow using GitHub Copilot agent with custom skills and prompts to analyze IT spending, generate commentary, detect anomalies and surface trends across 6 dashboard tabs, reducing manual review effort. - Partnered with the Malaysia IT Finance Team to translate workflow requirements into dashboard and automation enhancements, iteratively refining the solution and driving its adoption across their markets through user training and support.	Jun 2026 – Aug 2026
Chiyu Banking Corporation Limited (集友銀行) <i>Fintech Intern, IT Development Team</i> - Implemented a multi-agent RAG chatbot using LangGraph to retrieve internal documents and real-time financial news, reducing manual information-search effort and accelerating staff access to relevant business information. - Developed an automated web-data pipeline using Crawl4AI and Selenium to collect competitor financial-product information and continuously update the chatbot knowledge base, supporting market intelligence and product comparison. - Evaluated a client risk assessment model performance report from Ping An OneConnect, synthesizing findings and presenting recommendations to department heads and cross-functional stakeholders to support technology evaluation.	Jun 2025 – Nov 2025
Hospital Authority <i>Data Engineering Intern, Private Cloud Team</i> - Built Kibana dashboards and monitoring watchers over 10,000+ server log entries parsed with Logstash Grok patterns, automating alerts for CPU utilisation above 70% and reducing manual log inspection. - Automated remote-device configuration log backups and secure file transfers using Shell scripting, reducing manual workload.	Jun 2024 – Aug 2024

PROJECTS

eKYC Deepfake Defence Validation — Industrial Project with Bank of China - Conducting bank-supervised adversarial testing of vendor eKYC systems for remote account opening, generating synthetic document-forgery and facial-deepfake cases across Hong Kong ID, Mainland Resident ID and passport verification flows. - Benchmarking vendor detection performance against current generative-AI capabilities and translating findings into recommendations for strengthening identity-impersonation and AML controls.	Sep 2026 – Present
Final Year Project — Generative AI Tutor for Programming Courses - Led end-to-end requirements gathering, system architecture and implementation of a full-stack Generative AI Tutor, engineering LangGraph-based multi-agent workflows and RAG pipelines to automate course-material generation. - Developed the full-stack system using React, FastAPI and MySQL, implementing APIs, data management to support reliable content generation.	Jun 2025 – Jun 2026

ADDITIONAL INFORMATION

Languages:	Native in Cantonese; Fluent in Mandarin and English
Technical:	Python, Java, C++, TypeScript, Kotlin AI/LLM: LangGraph, LangChain, RAG Software: React, FastAPI, Spring Boot, Kafka Data/Infrastructure: MySQL, ChromaDB, Logstash, Kibana, Selenium, Crawl4AI