

Renaldi Liang

清大資工 | Ex. 工研院, Adidas

Generative AI | Machine Learning

新竹市, 台灣

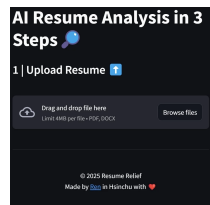
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[Email](#)

[LinkedIn](#)

[CV + Portfolio](#)

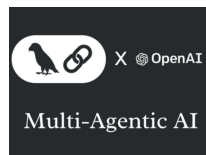
Portfolio / Projects



Resume Relief

AI Job Analysis and Recommendation

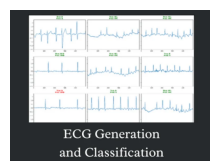
[resume-relief](#)



Multi-Agent AI

AI assistant for Crypto Arsenal's documentation

[multi-agentic-rag](#)



ECG Generation and Classification

ECG data augmentation to address class imbalance

[ecg-generation-and-classification](#)



Various ML Projects

See in Kaggle

[kaggle](#)

Work Experience

04.2026 - Present
Taipei, Taiwan

AI Software Engineer **LITEON | 光寶科技**

- Manufacturing Innovation Tech: tools and models development

09.2025 - 11.2025
Taipei, Taiwan

AI Application Intern **Taiwan Mobile | 台灣大哥大**

- Human avatar: text-to-speech, face and lip sync, and voice cloning

07.2025 - 08.2025
Taipei, Taiwan

AI Application Intern **LITEON | 光寶科技**

- Document OCR and processing for clean agent input
- LangGraph agent for new terms detection, information search, and chat

02.2025 - 06.2025
Taipei, Taiwan

Web Crawling Intern | 網路爬蟲實習生 **LargitData | 大數軟體**

- Various web crawling through BS4 then ETL for RAG and Social Network Analysis
- Building LLM App for automatic web crawling/data collection

07.2024 - 01.2025
Taipei, Taiwan

Deep Learning Intern | 深度學習實習生 **B. D. Mobile | 巨量移動科技**

- Generative deep learning for medical purposes: GAN, Diffusion Model, etc. in Linux

- Built, maintained, and made the SOP for a medical database in MySQL from scratch

06.2024 - 02.2025
Taipei, Taiwan

AI Application Intern Crypto Arsenal | 奇策智能雲端

- Developed AI agent chatbot for code generation
- Built and integrated key components, including LLM and pipeline using LangGraph, LangChain, ChromaDB
- Leveraged OpenAI, Ollama, and AWS Bedrock as the core
- Novel multi-agentic approach, resulting in seamless and contextually relevant responses

01.2023 - 02.2024
Indonesia

Costing and Material | 報價用量 Adidas ODM | 翔鑫堡工業

Focus on Product Development Department (開發/量化部)

- Managed end-to-end material assessment of **100+ articles and 40+ models** per season
- **Achieved target FOB** (TFOB) while maximizing product profitability
- Developed and led production automation projects to increase product **net profit margin** (NPM) by at least **20% per model**
- Ensured smooth project transfer from Development to Production stage

08.2021 - 01.2023
Indonesia

Production Lean Project Manager Adidas ODM | 翔鑫堡工業股

Focus on Production Department (生產中心)

- Handled projects in centralized areas of 2 Production buildings with a monthly capacity of **500,000 pairs and 120 employees**
- Developed and led inter-department cost reduction projects through digitalization and optimized process flow, starting with material preparation, process, distribution, and replenishment. Reducing total Production material replenishment from **0.35% of weekly Freight-on-Board** (FOB) value to **0.03% in 4 months**
- Implemented continuous **Lean, 6S, Kaizen, JIT, ERCS, and Automation** system in Production to eliminate waste and streamline production flow
- Awarded **5 monthly and 2 semiannual Kaizen** awards focusing on cost reduction and process efficiency

12.2019 - 08.2021
Taipei, Taiwan

Research Assistant ITRI | 工研院

- ITRI is one of Taiwan's leading research institutions. Worked in the ISTI (Industry, Science, and Technology International Strategy Center - 產科國際所) office of ITRI. Researching the economy, industry, and policy of Indonesia.
- Major Projects: Omnibus Law on Job Creation, COVID-19 Impacts on Key Industries, Smart City Initiatives, Investment and Industrial Regulations Analysis, and Industrial Parks Report

Education

2024 - 2025

國立清華大學
資訊系統與應用研究所

- Focus on Data Science and Machine Learning
- International Student Scholarship Awardee

2019 - 2021

國立臺灣科技大學
MBA Program

- Cum Laude Honor
- NTUST International Student Scholarship

Skills

- **AI:** LLM, RAG, LangChain, LangGraph, AI Agent, Azure Platform, Claude MCP
- **Data Science:** Python, Deep/Machine Learning, R, SQL, Streamlit, M Language
- **Manufacturing:** Product Costing, Lean, 6S, JIT, Kaizen
- **ERP:** Agile PLM

Languages

- **English** — Native or Bilingual
- **Indonesian** — Native or Bilingual
- **Chinese** — Beginner