

Lam Ting Wai, Ivan

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Education

The Chinese University of Hong Kong, Bachelor of Science in Computer Science Aug. 2023 – May 2027

- Enrolled in ELITE (Engineering Leadership, Innovation, Technology and Entrepreneurship) Stream
- Cumulative GPA: 3.495/4.0, Major GPA: 3.8/4.0

Experience

Exchange Research Intern, National Tsing Hua University, Hsinchu Jun. 2025 – Aug. 2025

- Conducted NLP research under the supervision of Prof. Kao Hung-Yu.
- Analyzed latest LLM papers on adaptive mixture-of-experts (MoE) routing mechanisms.
- Developed and tested our adaptive MoE routing approach on various LLMs.

IT Intern, Stewards Pooi Kei College, Hong Kong Jun. 2024 – Aug. 2024

- Provided data-driven insights to support decision-making processes within the school.

Competitions

Cathay Pacific Hackathon 2024, Cathay Pacific | Participated Aug. 2024 – Nov. 2024

- Developed a travel assistant mobile application prototype, collaborating with a team of five.
- Contributed to the integration of the RAG technique and LLM into our project using Google Cloud Platform.

Huawei ICT Competition, Cloud Track, Huawei ICT Academy | Participated Oct. 2024 - Nov. 2024

- Participated in the practice competition by applying cloud technologies and AI concepts.

IET Faraday Challenge Day 2019, IET | 3rd Place Apr. 2019 – May 2019

- Build product prototypes to solve real-world problems by applying coding and engineering knowledge

Extra-curricular Activities

Deep Learning Paper Reading Group, Lam-Ting-Wai-Ivan/crisp-dl-read Oct. 2024 – Present

- Engaged in weekly online meeting to discuss recent AI research, and improve our spoken English skills.
- Contributed to a collaborative research project on AI-generated image annotation, submitted to ICLR 2026.
- Presented a selected research paper at the weekly reading group meeting.

Vice President of Education, CUHK Shaw Toastmasters Club, CUHK Sep. 2024 – Present

- Enhanced public speaking and English proficiency through bi-weekly Toastmasters meetings
- Organized club meetings to foster leadership and communication skills.
- Participated in company visits, including Morgan Stanley, to connect with industry professionals.

Co-op Field Trip to Singapore, CUHK Co-operative Education Programme Dec. 2024 – Jan. 2025

- Engaged with industry professionals and gained insights into various sectors.

Artificial Intelligence Literacy Programme, The Education University of Hong Kong May 2023 – Aug. 2023

- Learn fundamental knowledge of artificial intelligence and opportunities to build an AI project.

Projects

Word Embeddings in Topic Models, Python, Google Colab github.com

- Conducted a comparative research project on topic models Top2Vec and LDA.

LLM Traveling Recommendation with RAG, Google Cloud, Python, Google Colab github.com

- LLM for generating personalize traveling recommendation base on user's preference.

Certificates

Certificate of Achievement: Fundamentals of Agents , HuggingFace Smolagents	Sep. 2025
Certificate of Attendance in IET Youth Mentoring Programme 2024 , IET	Jan. 2025
Deep Learning with Keras and Tensorflow , IBM TensorFlow, Python	Sep. 2024
Machine Learning with Python (with Honors) , IBM Scikit-learn Python	Sep. 2024

Technologies

Languages: Python, C, Java

Tools: PyTorch, HuggingFace, Scikit Learn, Matplotlib, Google Cloud, Google Colab, Smolagents, VS Code, Microsoft Excel