

LUO Shilong, Bruce

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EDUCATION

The Chinese University of Hong Kong

Aug 2023 – Jul 2024

Master of Science in Information Science and Technology Management

- GPA: 3.2
- Relevant course: Statistical Analysis, Software Design and Development, Business Field Study, Enterprise Resource Planning, Project Management, Advanced Information Systems Practicum, Data Science in Practice

City University of Hong Kong

Sep 2018 – Jun 2023

Bachelor of Science in Biological Sciences with a minor in Computing

- GPA: 3.0
- Relevant Courses: Final Year Project (A+), Discrete Mathematics, Computer Programming, Data Structures, Computer Organisation, Operating System, Database Systems

PROFESSIONAL EXPERIENCE & PROJECTS

Accenture North America Data Analytics and Visualization Job Simulation

Mar 2025

Participant

- Complete a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modelled and analysed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insight for the client and internal stakeholders

Medikonia Limited

Jun – Jul 2022

Product Specialist Intern

- Led business development efforts, identifying high-value sales opportunities and directly contributing to new client acquisitions
- Redesigned the company website, enhancing user engagement by 30% and optimising product line visibility, leading to increased customer inquiries
- Strategized with the marketing team to develop compelling promotional materials, significantly boosting brand recognition and engagement at trade shows
- Engineered high-impact animated displays, showcasing product lines and driving increased customer interest and sales conversions

The Chinese University of Hong Kong, Class Committee

Sep 2023 – Jul 2024

Chairperson

- Directed the class committee, successfully organising and executing three major events, including graduation ceremonies and extracurricular activities, showcasing strong leadership and project management skills
- Enhanced student-faculty engagement by initiating regular meetings and feedback sessions, driving a 60% increase in student participation in departmental activities

Basic Law Knowledge Retrieval System

Sep – Oct 2025

Full-Stack Developer

- Developed a retrieval-augmented generation (RAG) [pipeline](#) to process Traditional-Chinese PDFs of the Hong Kong Basic Law, generate DashScope embeddings, and enable semantic search via FAISS + Redis with simplified-to-traditional query normalization
- Delivered intuitive CLI and Gradio interfaces, together with fully containerized Docker deployment scripts, reducing environment setup time from hours to minutes and allowing reviewers to rebuild and evaluate the entire system effortlessly

Sentiment Analysis of Movie Reviews

May – Jun 2024

Student Researcher

- Developed a machine learning [model](#) for sentiment analysis, achieving 85%+ accuracy on 50k IMDB reviews by implementing and comparing Logistic Regression and LSTM approaches using Python, scikit-learn, and PyTorch
- Built a Flask-based web application enabling real-time sentiment prediction for user-input reviews, integrating the trained model for seamless deployment

IT Strategy for AI Integration in Gaming

May – Jun 2024

Best Presentation Team

- Collaborated in a team of 4 to conduct competitive analysis of the gaming industry, uncovering key opportunities for AI integration to drive innovation and market differentiation
- Designed an AI-driven IT strategy to enhance player experience, leveraging machine learning for personalised content creation and optimising user engagement

SKILLS & INTERESTS

- **Languages:** Mandarin (Native), English (Fluent), Cantonese (Fluent)
- **IT Skills:** Python, C++, Java, SQL, Flask, Redis, FAISS, LangChain, PyTorch, Git, RAG Pipeline Development, Large Language Models (LLMs), Tableau, Power BI, Microsoft Office Suite, Adobe Creative Suite
- **Interests:** Photography, Music, Esports