

Wong Chin Hang, Eric

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Proficient data science expert with **over 2 years** of experience in developing, deploying, and monitoring **machine learning** projects at scale, complemented by solid MLOps cloud expertise.

Skills

Python | C++ | C# | R | PyTorch | TensorFlow | Git | MLOps | MLflow | MySQL | Azure | AWS

Working Experience

Data Scientist

2024-04 – 2024-11

Llewellyn & Partners Co. Ltd. (A research laboratory spinoff from HKU)

- Developed and deployed NLP and document processing solutions for data platforms with thousands of users, leveraging AWS Cloud and on-premises infrastructure.

Project: AI on Data Platform (Chatbot, Document Processing, Workflow Recommendations)

- Created an interactive chatbot powered by an LLM using LangChain and Docker on AWS, improving user engagement and automating customer support, with a demo available on [GitHub](#).
- Developed and trained automated pipelines for document data extraction using OpenCV and NLP, achieving a 20% increase in processing efficiency.
- Developed real-time workflow recommendations using Xgboost.

Engineer

2021-08 – 2023-05

Hong Kong Applied Science and Technology Research Institute (ASTRI)

- Served as a machine learning-focused backend developer, collaborating with front-end developers, project managers, and peers to create automation systems.

Project: Document Recognition, Information Extraction, and Automation

- Established an automated pipeline for extracting text and layouts from images using C++, C#.
- Customized and optimized PyTorch-based text-recognition models, improving accuracy by 15%.
- Performed document classification with gradient-boosted trees, reducing 70% processing time.
- Perform NER to extract human and company names from documents.

Project: KOL Platform - KOOLER AI

- Classified company logos and human faces using Azure Machine Learning with YOLO.
- Conducted real-time sentiment and trend analysis using NLP and computer vision
- Monitored models based on metrics using Azure Machine Learning model monitoring.

Assistant Retail Financing Manager

2019-06 – 2020-03

Nanyang Commercial Bank

Assistant Personal Banking Manager

2017-09 – 2019-06

Bank of China (Hong Kong)

Certifications

AWS Certified:

- Machine Learning Engineer - Specialist

Microsoft Certified:

- Azure Data Scientist Associate

Education

Master of Science in Big Data Technology

2021-11

The Hong Kong University of Science and Technology

Bachelor of Science in Mathematics and Economics

2016-11

The Hong Kong University of Science and Technology