Hing Ling (Belinda), Sim

LinkedIn: linkedin.com/in/belinda-hling-shum | GitHub: https://github.com/Copng-py
| Medium: https://medium.com/@lib75min_gree_23_dat

EDUCATION AND HONORS

The Hong Kong Polytechnic University   09/2023 – Present

Master of Science in Artificial Intelligence and Big Data Computing

- Relevant Course: Machine Learning, Natural Language Processing, Computer Vision
- Thesis Advisor: Prof. PATHAK Ajay Kumar

Hong Kong Metropolitan University   09/2021 – 07/2023

Honors Bachelor of Business Administration in Business Intelligence and Analytics (2:1)

- Relevant Course: Big Data Analytics, Multivariate Statistical Analysis, Database Management(A-)
- Award of HKMU Senior Entrance Scholarship

PROFESSIONAL EXPERIENCE

SWIVEL Software   12/2023 – Present

Software Developer | *Python / JavaScript /*   Hybrid · Hong Kong
                                        C++ / Linux / CUDA

- Developed a local LLM domain application using large language models, with Retrieval-Augmented Generation (RAG) integrated with a database and its corresponding graphical user interface using Flask

ProMEX   02/2023 – 06/2023

Associate Business and System Analysis Intern | *JavaScript / Postman /*   Hybrid · Hong Kong
                                                   Retool / MongoDB

- Performed **API Platform actions with human-in-the-loop** processing, **resulting in a 20% increase in workflow automation efficiency**
- Generated **KPI metrics for gathering business intelligence** and providing stakeholders with analytics (i.e., KYC onboarding, trade matching, logistics etc.)

Kuehne + Nagel   Jun 2022 – July 2022

Data Solution Intern – *Sea Logistics* | *Python / SQL*   Hong Kong, CN
                                                  / Tableau

- Built a **data clustering model** for ocean freight quotation with a K-mean clustering algorithm
  - Updated data streaming processes for an **18% reduction in redundancy**
  - **Identified charge fee patterns** in the APAC region using SKlearn, leading to **a 66% improvement in sea route quotation strategy**

SKILLS

Programming Languages:	Python (proficient), JavaScript, TypeScript, C++, SQL, PHP, CSS, HTML
Big Data & Analytics:	Computer Vision, NLP, Roboflow, TensorFlow, Linux, CUDA
Languages:	English(proficient), Cantonese(native), Mandarin(proficient)

CERTIFICATION

- Certificate in Data Analytics, Google Data Analytics Professional Certificate
- Certificate in SQL (Advanced), HackerRank SQL Advanced Certification

SIDE PROJECT

- Voting Web APP - GitHub
- Research Q&A - GitHub