✉ : cenz@engineer.com

in : @cenzwong

⌨ : @cenzwong

📞 : +44 07803 453 314

Cenz,
Wong Tsz Ho

🗄 WORK EXPERIENCES

Consultant in Data Engineering & Architecture - Ekimetrics   [Dec 2021 – Now]

- Led customer segmentation ML project for *Hong Kong property company* utilising <u>Databricks</u>, constructing an <u>RFM clustering model</u> that segmented millions of customers, enabling targeted marketing strategies, carrying out data analysis, and establishing a production pipeline;

- Constructed a <u>data engineering pipeline</u> for a *worldwide automobile firm on <u>Azure</u>*, converting leads-to-sales reports from 17 countries, guaranteeing data quality, devising zoning, and employing <u>Databricks</u> for data intake;

- Designed <u>serverless ingestion pipeline</u> for *European digital automation and energy management company* using <u>AWS</u> Lambda, conducting quality checks on tables, and creating data model for <u>AWS Data Warehousing Solution</u>;

- Developed and <u>deployed a web dashboard</u> for the *European Country Chamber of Commerce in Hong Kong*, carrying out data processing and web scraping, using <u>the Python Plotly Dash framework</u>, and <u>containerised</u> technology for swifter website deployment;

- Planned and <u>implemented GDPR compliance</u> for a *French car manufacturer*, retrieved files from SFTP, sorted them into custom folders, and automated decryption, decompression, and deletion;

- Provide <u>on-site consulting for Data Analytics</u> team. Developed and delivered face-to-face training on Databricks for data engineering and machine learning to a *global luxury brand*

- Researched and built Proof-of-Concept solution on LLMs using LangChain Python and Vector Databases.

Engr Project Specialist I (Innovation Lab) - Hewlett Packard Enterprise   [Jun 2020 – Dec 2021]

- Provided technology consulting around <u>HPE Enterprise-grade Lakehouse Platform</u> – HPE Ezmeral Portfolio (Kubernetes, MLOps, Data Fabric – MapR) with cloud-native analytics and data warehouse solution;

- Built demo and Proof-of-Concept of Machine Learning and Data Pipeline using <u>Python, ETL Pipeline (PySpark)</u>, and other Open-Source Technologies (Hadoop, Hue, Hive, Kafka etc) with HPE Ezmeral;

Business Engineer Summer Intern - Wuxi Murata Electronics Co., Ltd   [Jul 2019 – Aug 2019]

- Developed <u>RPA (Robot Process Automation)</u> solution that automated repetitive HR tasks;

Electronic Engineer Trainee (Gap-Year Intern) - RF Tech Ltd   [Aug 2018 – May 2019]

- Developed product of LoRa, NB-IoT and Product Development for <u>Data Visualization Platform</u> with M2M communication protocols like MQTT; <u>Firmware programming on IoT system</u> of Self-service Library Station;

🎓 EDUCATION

MSc in Big Data Technology

The Hong Kong University of Science and Technology   [2020 – 2022]

- ✓ Data Analytics, Time Series Analysis, Distributed Computing, Parallel Computing, Natural Language Processing, Machine Learning

BEng(Hons) in Electronic and Information Engineering

The Hong Kong Polytechnic University   [2015 – 2020]

- ✓ Machine Learning and IoT, Circuit Analysis and Logic Design, Embedded System Programming, Microcontroller System and Interface Design