Cenz, Wong Tsz Ho

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🎓 EDUCATION

MSc in Big Data Technology,

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

- ✓ Data Analytics Techniques
- ✓ Time Series Analysis
- ✓ Distributed Computing
- ✓ Parallel Computing
- ✓ Graph Analytics
- ✓ 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

🗄 WORK EXPERIENCES

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Dec 2021

🏛 **Consultant in Data Engineering & Architecture** 🏢 **Ekimetrics Hong Kong Ltd.**

- Led customer segmentation ML project for *Hong Kong property company* utilising Databricks, constructing an RFM clustering model, carrying out data analysis, and establishing a production pipeline.
- Constructed a data engineering pipeline for a *worldwide automobile firm*, converting leads-to-sales reports, guaranteeing data quality, devising zoning, and employing Databricks for data intake.
- Designed serverless ingestion pipeline for *European digital automation and energy management company* using AWS Lambda, conducting quality checks on tables, and creating data model for AWS Data Warehousing Solution.
- Developed and deployed a web dashboard for the *European Country Chamber of Commerce in Hong Kong*, carrying out data processing and web scraping, using the Plotly Dash framework, and containerised technology for swifter website deployment.
- Planned and implemented GDPR compliance for a *French car manufacturer*, retrieved files from SFTP, sorted them into custom folders, and automated decryption, decompression, and deletion.
- Developed and delivered face-to-face training on Databricks for data engineering and machine learning to a *global luxury brand*, which included the creation of training materials.

Dec 2021

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Jun 2020

🏛 **Engr Project Specialist I (Innovation Lab)** 🏢 **Hewlett Packard Enterprise**

- Provided technology consulting around HPE Enterprise-grade Lakehouse Platform – 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 Python, ETL Pipeline (PySpark), and other Open-Source Technologies (Hadoop, Hue, Hive, Kafka etc) with HPE Ezmeral;
- Were responsible for providing technical support in the creation and delivery of technology solutions or Data Platform designed to meet customers' business needs;

Aug 2019

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Jul 2019

🏛 **Business Engineer Summer Intern** 🏢 **Wuxi Murata Electronics Co., Ltd**

- Developed RPA (Robot Process Automation) program for HR department;

May 2019

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Aug 2018

🏛 **Electronic Engineer Trainee (Gap-Year Intern)** 🏢 **RF Tech Ltd**

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