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
- ✓ 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

💼 WORK EXPERIENCES

Now
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Dec 2021

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

- Led underline customer segmentation ML project for *Hong Kong property company* utilising Databricks, constructing an RFM clustering model that segmented millions of customers, enabling targeted marketing strategies, carrying out data analysis, and establishing a production pipeline;
- Constructed a data engineering pipeline for a *worldwide automobile firm on Azure*, converting leads-to-sales reports from 17 countries, 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;
- Provide on-site consulting for Data Analytics team. Developed and delivered face-to-face training on Databricks for data engineering and machine learning to a *global luxury brand*

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) solution that automated repetitive HR tasks;

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;