

Victor PANG, Ka Wing
Email: pkwww.2000@gmail.com
GitHub: <https://github.com/pkwww>
Phone: +852 65489919

Work Experience

Hong Kong Economic Times Ltd.

October 2019 - Now

- Position held: **Analyst Programmer**
 - Architecture design and implement **datalake** and ETL pipeline
 - * Datalake format: **Apache Iceberg**
 - * Datalake governance: **AWS LakeFormation**
 - * ETL pipeline implementation: **PySpark** on **AWS Glue**
 - * Workflow management: **Apache Airflow** on **AWS mwaa**
 - * Query engine / data warehouse: **AWS Athena** and **GCP BigQuery**
 - Architecture design and implement containerized web application with **Angular** and **NestJS** and deploy on **AWS EKS**
 - Architecture design and implement of **Node.js** serverless application on **AWS Lambda**
 - Deploying and manage cloud infrastructure with **Terraform**
 - Code review and mentoring junior developer
 - Documenting technical difficulties and solutions
 - Maintaining web backend with **Java SpringBoot** and **JPA**

Teamup Technology Limited (Hong Kong)

August 2016 - May 2018

- Position held: **Software Engineer**
 - Develop web application with jQuery and Java

Education

University of Edinburgh

September 2018 - August 2019

- MSc in Computer Science, **Graduate with Distinction**
- Courses: Types and semantics of programming languages, Machine learning practical, Compiler optimization, Game theory, Computability and Complexity, Quantum computation
- Literature review on Linear type system
- Dissertation topic: Exploring stream/coinduction with Isabelle

The Hong Kong University of Science and Technology

September 2012 - June 2016

- BEng in Computer Science, minor in Mathematics, **Graduate with First Class Honour, Dean's List in two semesters**

Personal skills

- Technical knowledge
 - Deep experiences on **Amazon Web Service**
 - Experiences on **Google Cloud Platform**
 - Experiences on Grafana, Loki, Prometheus
 - Database: **MYSQL, Postgresql, AWS DynamoDB, AWS Redshift**
 - git, GitHub Action
- Language
 - Fluent English
 - Native in Cantonese, Mandrain

Personal Interest

- Functional Programming, Propositions as Types, Type Theory, Programming Language Theory