Lee Ka Chun, Ken

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EMPLOYMENT

Senior Analyst Programmer	**China Construction Bank(Asia)**	**Dec 2022 – Current**

- (Java) Developed, packaged and deployed Java microservices application with Spring Boot and Maven
- (T-SQL) Performed data patching in Production environment
- Built CI/CD pipeline to perform static code analysis, open source vulnerability scanning
- Communicated and cooperated with team members, vendors to analyze project requirements

Backend Developer	**FreightAmigo Services Ltd.**	**Jul 2022 – Dec 2022**

- (PHP) Developed, implemented and documented api for online system and mobile app
- (PHP) Reduced website loading speed by reducing api data size and class dependency
- (SQL) Wrote SQL queries for reporting
- Collaborated with team members to utilize Jira's features to align with Agile processes

Software Engineer	**VTech Telecommunications Ltd.**	**Aug 2021 – Jul 2022**

- (Java) Reduced running time by **75%** by code refactoring in AWS Lambda function
- (Python) Developed serverless functions to process pre-provisioning checking of IoT devices
- (Python) Handled and updated data stored in NoSQL database by using AWS Lambda function, DynamoDB
- Developed and deployed Infrastructure as code templates to automate cloud resources creation
- Set up AWS CloudWatch metric alarms to monitor applications healthiness

Survey Officer (Quantity)	**Architectural Services Dept.**	**May 2019 – Jan 2021**

- Reduced time to produce financial statements by over **85%** by building relational formulas between cells to automate the computations in Excel

SKILLS

- Python, SQL, Java, JavaScript, TypeScript, HTML, CSS, PHP
- Amazon Web Services, Git, Windows, MacOS, Linux, GitHub, Shell Scripting, Jira

PROJECTS

Trash image classifier

- A 8-layer Convolutional Neural Network machine learning sequence model implemented Adam optimizer and Relu activation function to predict whether a trash on images is made of paper, metal, plastic, or none of above.
- Increased the prediction accuracy from **55%** to **75%** by improving prediction algorithm

CERTIFICATES

• AWS Certified Solutions Architect - Associate	Amazon	Jan 2022 – Jan 2025
• Using Databases with Python	University of Michigan, Coursera	Nov 2020
• Using Python to Access Web Data	University of Michigan, Coursera	Oct 2020
• Python Data Structures	University of Michigan, Coursera	Sep 2020

EDUCATION

Tecky Academy	**Hong Kong**	**Feb 2021 – Jun 2021**

- MicroMaster in A.I. & Programming

City University of Hong Kong	**Hong Kong**	**Sep 2012 – Jul 2015**

- Bachelor of Science (Hons) in Surveying

LANGUAGES

- Proficient in written and spoken: English, Chinese