Lee Ka Chun, Ken

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EMPLOYMENT

Backend Developer   **FreightAmigo Ltd.**   **Jul 2022 – Current**

- (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

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, improving operational efficiency
- 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

Quantity Surveying Graduate   **Architectural Services Dept.**   **Aug 2015 – Aug 2017**

- Selected as one of the graduates region-wide for a 24-month professional development

SKILLS

- Python, SQL, Java, JavaScript, TypeScript, HTML, CSS, PHP
- Amazon Web Services, Git, MacOS, Visual Studio Code, GitHub, Shell Scripting

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