Lee Ka Chun, Ken

(852) 5598 1020
leekachun5a16@gmail.com

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 CICD pipeline to perform static code analysis, open source vulnerability scanning
- Communicated and cooperated with team members, vendors to analyze project requirements

Backend Developer **FreightAmigo 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

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, 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**

- Micro Master 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