Lee Ka Chun, Ken

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EMPLOYMENT

Senior Analyst Programmer   **China Construction Bank(Asia)**   **Dec 2022 – Current**
- Developed, packaged and deployed Java microservices application with Spring Boot and Maven
- Performed data patching in Production environment using T-SQL
- Implemented an CI/CD pipeline for static code analysis and open source vulnerability scanning
- Collaborated with team members and vendors to analyze project requirements

Backend Developer   **FreightAmigo Services Ltd.**   **Jul 2022 – Dec 2022**
- Designed and implemented APIs for website and mobile apps using PHP
- Achieved website loading time reduction & improved database efficiency by optimizing logo picture storage
- Utilized SQL queries for generating reports
- Actively participated in Agile processes, utilizing Jira's features to enhance team collaboration

Software Engineer   **VTech Telecommunications Ltd.**   **Aug 2021 – Jul 2022**
- Reduced AWS Lambda function running time by **75%** by resources reuse
- Developed serverless functions to process pre-provisioning checking of IoT devices
- Utilized AWS Lambda function and DynamoDB to manage and update data stored in NoSQL databases
- Automated cloud resource creation by developing and deploying Infrastructure as Code templates
- Implemented AWS CloudWatch metric alarms to monitor the health of applications

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 utilizing threshold-based filtering

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