

Lee Ka Chun, Ken

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EMPLOYMENT

Senior Analyst Programmer	China Construction Bank(Asia)	Dec 2022 – Current
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- 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
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- 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
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- 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
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- Reduced time to produce financial statements by over **85%** by building relational formulas between cells to automate the computations in Excel

SKILLS

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- 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

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|---|----------------------------------|---------------------|
| • 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
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- MicroMaster in A.I. & Programming

City University of Hong Kong	Hong Kong	Sep 2012 – Jul 2015
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- Bachelor of Science (Hons) in Surveying

LANGUAGES

- Proficient in written and spoken: English, Chinese