

Bobby Lo

Data Scientist | Machine Learning | AI Innovation

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HyperionDev: [Profile](#)

SUMMARY

A strong data science bootcamp graduate skilled in Python, SQL, TensorFlow, Keras, and spaCy. Passionate about using machine learning and data analytics to drive insights. Aiming to solve complex problems and create innovative business solutions in a dynamic tech environment.

EXPERIENCE

Deputy Manager | Aldi

10/2023 - 08/2024

- Executed a data-driven *Bakery Sales Forecast* project
- Achieved under 1% daily pastry food waste through data analysis

Kaggle Learn Certificate | Kaggle

02/2024 - 09/2024

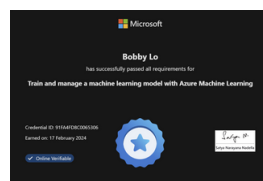
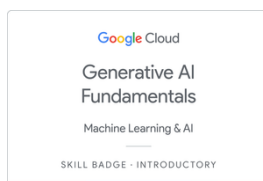
- Acquired advanced Python data analytical and machine learning skills
- Built a model in *Hotel Bookings* project with TensorFlow and Keras framework
- Trained the prediction neural network with 84% hotel cancellations accuracy
- Designed a SQL query *Most Popular Programming Language in GitHub* project on Google BigQuery platform

Data Science Bootcamp | HyperionDev

03/2024 - 06/2024

- Mastered data science libraries, including NumPy, pandas, Scikit-Learn, matplotlib and seaborn
- Created a *Natural Language Processing (NLP) sentiment analysis Tool* for sentiment analysis
- Captured Amazon products consumer reviews using SpaCy
- Adapted to software engineering version control practice using Git and GitHub

Credentials



EDUCATION

MSc in Health Informatics | The Hong Kong Polytechnic University

Distinction, Dean's Honours List

09/2020 - 08/2022

Course Highlight:

- COMP5241 Software Engineering and Development
- COMP5511 Artificial Intelligence concepts

BSc (Hons) in Radiography | The Hong Kong Polytechnic University

Second Class Honours, Division 1 (2:1)

09/2014 - 08/2018

Data Science Skills Bootcamp | HyperionDev

Average grade 99%

03/2024 - 06/2024

ACCOMPLISHMENTS

- Graduated from data science bootcamp with average grade 99%
- Initiated a *Cat and Dog Computer Vision* project with TensorFlow and Keras
- Classified images with 68% accuracy in a convolutional neural network (CNN) model

TECHNICAL SKILLS

Data

Python, SQL, TensorFlow, Keras, spaCy, Scikit-Learn, XGBoost, Random Forest, Matplotlib, Seaborn

Version control

Git, GitHub

Cloud computing

AWS SageMaker, Microsoft Azure MLflow, Google BigQuery

Other

Large Language Models (LLM), Jupyter, MLOps, HTML5, CSS3, MS Office, JavaScript

SOFT SKILLS

- Analytical Skills
- Problem Solving
- Communication Skills
- Team Player
- Time Management
- Organisational Skills
- Thinking Skills
- Diligence
- Initiative
- Performing Under Pressure
- Attention To Detail
- Accountability
- Team Leadership
- People Management