Bobby Lo

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[LinkedIn]() | [GitHub]() | [Kaggle]()
London, United Kingdom

Data Scientist | Machine Learning | AI Innovation

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.

SKILLS

Technical skills:
- **Data programming:** **Python**, **SQL**, **TensorFlow**, **Keras**, **spaCy**, **Scikit-Learn**, XGBoost, 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

WORK EXPERIENCE

Aldi Stores Ltd | Deputy Manager - London, UK   10/2023 - 08/2024
- Executed a data-driven *Bakery Waste Reduction* project using linear regression
- Achieved under 1% daily pastry food waste through time series data analysis

Honi Poke Ltd | Team Leader - London, UK   03/2023 - 09/2023
- Projected food ingredients consuming rate in multiple stores using linear regression
- Visualized stock inventory data and maintained food cost below 30% by sales data analysis

KDL Beverages Ltd | Store Assistant - London, UK   12/2022 - 03/2023
- Forecasted daily sales using linear regression and real time data
- Earned a record of 300% sales increased in single day

Hospital Authority | Diagnostic Radiographer - Hong Kong, Hong Kong   08/2018 - 09/2022
- Performed maximum intensity projection technique to convert 3D medical imaging data into 2D image display
- Visualized organ segmentation in CT images by computed vision feature detection algorithms and assisted medical diagnosis
- Designed more than 25 image processing protocols to display X-ray images with maximum diagnostic values

TECHNICAL PROJECT

Machine Learning with Python Certification | freeCodeCamp
- Initiated a *Cat and Dog Computer Vision* project with **TensorFlow** and **Keras**
- Classified images with 68% accuracy in a convolutional neural network (CNN) model

Kaggle Learn Certificate | Kaggle
- 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
- Created a *Natural Language Processing (NLP) sentiment analysis Tool* for sentiment analysis
- Captured Amazon products consumer reviews using **SpaCy**

EDUCATION

Data Science Skills Bootcamp | HyperionDev   03/2024 - 06/2024
Average grade 99%
- Mastered **Python** programming and data science libraries, including **NumPy**, **pandas**, **Scikit-Learn**, **matplotlib** and **seaborn**
- Adapted to software engineering version control practice using **Git** and **GitHub**

MSc in Health Informatics | The Hong Kong Polytechnic University   09/2020 - 08/2022
Distinction, Dean's Honours List
- Course Highlight: COMP5511 Artificial Intelligence concepts, COMP5241 Software Engineering and Development

BSc (Hons) in Radiography | The Hong Kong Polytechnic University   09/2014 - 08/2018
Second Class Honours, Division 1 (2:1)

CERTIFICATION

Microsoft Applied Skills: Train and manage a machine learning model with Azure Machine Learning, Google Cloud: Generative AI Fundamentals, AWS Educate: Machine Learning Foundations, AWS Educate: Introduction to Cloud 101