

Sophia Liu

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Education

Hong Kong University of Science and Technology

Master of Science in Data Science

Aug 2020 – Jul 2022 | Clear Water Bay, Hong Kong

GPA: 3.8/4.0

Activities: Data Science Society President, Kaggle Organizer, Teaching Assistant

Relevant Coursework: Machine Learning, Statistical Modeling, Big Data Analytics, Visualization

Summer School: UC Berkeley 2021 (GPA: 3.9/4.0)

Work Experience

Data Scientist | HSBC | Sep 2022 - Present | Hong Kong

- Built predictive models with Python and Scikit-learn.
- Developed ETL pipelines using Spark and Airflow.
- Created dashboards in Tableau.

Skills

Programming: Python, R, SQL

Tools: Spark, Airflow, Tableau

Machine Learning: Scikit-learn, XGBoost

Other: Data Cleaning, Feature Engineering, A/B Testing

Certificates

Coursera: Data Science Specialization

DataCamp: Machine Learning Scientist

Tableau Desktop Certified

Awards

HSBC Data Innovation Award 2023

Kaggle Competition Top 10% 2021

HKUST Academic Scholarship