



NG Ming Hin

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> Hi, I am *Matthew*.

> I have a very strong interest in data, particularly in *data science, machine learning and big data*. My willingness to learn allows me to familiarize myself with new things quickly and be open to others' opinions.

SKILLS

Data-related

TensorFlow

Jupyter stack

Tableau

SQL

Spark

Hadoop

Big data

Programming languages

Python

C++

Java

R

Excel VBA

Web-related

CSS

Javascript

React.js

EXPERIENCE

July 2021 – Present

LORA Technologies

Data Scientist

July 2019 – June 2021

The Chinese University of Hong Kong

MPhil in Statistics (CGPA: 3.910 / 4.000)

- Equipped myself with a set of transferable problem-solving skills during research
- Developed a scalable machine learning method to enable association detection over a million of genetic loci for a million of individuals
- Tags: **C++ & OpenMP** **Parallel computing** **Big data analysis**

June 2018 – July 2019

Hong Kong Telecom

Data Science Analyst

- Gathered *hundreds of thousands of products* with efficient **web crawling** techniques from a popular e-commerce platform
- Designed and developed the **recommender system** for an e-commerce platform
- Enabled streaming of web analytics data to a **MongoDB** database
- User behavior analysis driven by **Apache Spark**
- **Agile** project management using **Jira**
- Familiar with using **AWS** EC2 instances

Sep 2014 – July 2018

The Chinese University of Hong Kong

BSc in Statistics (CGPA: 3.363 / 4.000)

- Programming coursework: **Python** **Excel & VBA** **Java** **R**
- Department of Statistics Scholarship 2015/16, 2017/18; Academic Merit in 07/2017; Advantage Trust Statistics Scholarship 2015/2016

PROJECTS

Machine learning for business

- *E-commerce recommender system*
- *Transform product name and product description into comparable numeric vectors*

Machine Learning

- *Passenger Screening Algorithm Challenge*
- Predicting winning probabilities in HK horse racing

Data acquisition

- *Stream web analytics data to MongoDB*
- Create profiles for websites