



## 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  
Big data Tableau SQL  
Spark Hadoop

### 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