



## NG Ming Hin

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🏠 [m2ng.github.io](https://m2ng.github.io)

> 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

### Oct 2021 — Present

**The Chinese University of Hong Kong**

Part-time Research Assistant

### 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