



NG Ming Hin

Data Scientist
&
Research Assistant

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> Hi, I am **Matthew**.

> I have a very strong interest in data, particularly in **data science**, **deep 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	Jupyterlab	Tableau
SQL	Apache Spark	Apache Kafka
AWS	Alibaba Cloud	
Firebase Analytics	Elasticsearch	

Programming languages

Python	JavaScript	C++	Java	R
Excel VBA				

Web & App

React.js	React Native	CSS	FastAPI
Django			

Project management

Agile	Jira
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EXPERIENCE

July 2021 - Present

LORA Technogoies

Data Scientist

- Designed and established the complete data architecture and pipeline for mobile app analytics
- Deployed data applications such as data visualization tool and data streaming service with **Kubernetes**
- Provided ad-hoc technical support for the software development team

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

- 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**

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
- Deep-learning based stock trend clustering
- Natural language processing for e-commerce products

Data warehousing & management

- Mobile analytics driven by Alibaba LogHub (more cost-effective alternative to Apache Kafka)
- Data integration pipeline for logs
- Stream web analytics data to MongoDB

Machine learning

- Computer vision in Passenger Screening Algorithm Challenge