



NG Ming Hin

Data Scientist
&
Research Assistant

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> Hi, I am **Matthew**.

> I have 4 years' experience in data science including 2 years' work experience and 2 years' research experience.

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

Containerization

Docker

Kubernetes

WORKING EXPERIENCE

July 2021 – Present

Data Scientist @ LORA Technogoies

- 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

Part-time Research Assistant @ The Chinese University of Hong Kong

Jun 2018 – Jul 2019

Data Science Analyst @ Hong Kong Telecom

- 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**

Jun 2017 – Aug 2017

Summer Intern @ Census & Statistics Department

Jun 2016 – Aug 2016

Product Intern @ Wharf T&T Limited

EDUCATION

Jul 2019 – Jun 2021

MPhil in Statistics (CGPA: 3.910 / 4.000) @ The Chinese University of Hong Kong

- Developed a scalable machine learning method to enable association detection over a million of genetic loci for a million of individuals

Sep 2014 – Jul 2018

BSc in Statistics (CGPA: 3.363 / 4.000) @ The Chinese University of Hong Kong

- 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