



NG Ming Hin

Data Scientist
&
Research Assistant

☎ (+852) 9349 1019

✉ ngmhmatthew@gmail.com

🌐 [LinkedIn](#) / [GitHub](#)

🏠 m2ng.github.io

📖 m2ng.github.io/blog

> 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

Jun 2022 – Present

📍 Data Scientist @ HSBC Global Services (Hong Kong) Limited

July 2021 – Jun 2022

📍 Data Scientist @ LORA Technologies

- Lead a mobile app analytics project and establish the data architecture and data pipeline
- Build and deploy a full-stack containerized application to enable job submission to a task queue
- Deploy data applications such as data visualization tool and data streaming service with **Kubernetes**

Oct 2021 – Jun 2022

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

Jun 2018 – Jul 2019

📍 Data Science Analyst @ Hong Kong Telecom

- Design and develop the **recommender system** for an e-commerce platform
- Enable 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

- Develop 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