

# **NG Ming Hin**

Data Scientist & Research Assistant

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LinkedIn / GitHub

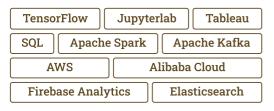
n2ng.github.io

> 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



# **Programming languages**



# **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 costeffective alternative to Apache Kafka)

- Data integration pipeline for logs

- Stream web analytics data to MongoDB

Machine learning

- Computer vision in Passenger Screening Algorithm Challenge