

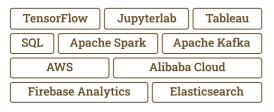
NG Ming Hin

Data Scientist & Research Assistant

- (+852) 9349 1019
- 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