

NG Ming Hin

Data Scientist

Research Assistant

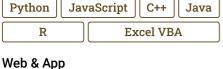
- (+852) 9349 1019
- LinkedIn / GitHub
- m2ng.github.io
- m2ng.github.io/blog
- > Hi, I am Matthew.
- > I have 4 years' experience in data science including 2 years' work experience and 2 years' research experience.

SKILLS

Data-related

TensorFlow	Jupyterl	ab	Tableau	
SQL	Apache Spark			
Apache Kafka		AWS		
Alibaba Cloud Firebase Analytics				
Elasticsearch				

Programming languages



React.js	React Native		CSS
FastAF	PI Django		ıgo
Project man	ageme	nt	

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