



NG Ming Hin

☎ (+852) 9349 1019
✉ ngmhmatthew@gmail.com
🌐 [LinkedIn / GitHub](#)
🏠 m2ng.github.io

> Hi, I am *Matthew*.

> I have a very strong interest in data, particularly in *data science*, *machine 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

Machine learning TensorFlow
Big data Hadoop Spark
Tableau SQL MongoDB

Programming languages

Python C++ Java R
Excel VBA

Web-related

CSS Javascript React.js

EXPERIENCE

July 2019 — Present (Anticipated completion: End of May 2021)

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

- Detect gene-disease associations among millions of genes in a multi-ethnic population
- Equip myself with a set of transferable problem-solving skills during research

June 2018 — July 2019

Hong Kong Telecom
Data Science Analyst

- Find a way to gather a complete product catalog of *hundreds of thousands of products* for free: SAVE TIME AND \$\$!
- Design and automate the whole pipeline in the recommender system of an e-commerce platform
- Utilize machine learning methods to provide similar products in the recommender system
- Derive useful insights from browsing behaviour of millions of users with big data technology Spark and Hadoop
- Implement an interface for more resilient data storage and more flexible query of browsing log
- Create profiles for a million of websites

Sep 2014 — July 2018

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

- Programming coursework: Python, Excel & VBA, Java and 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](#)
- [Transform product name and product description into comparable numeric vectors](#)

Machine Learning

- [Passenger Screening Algorithm Challenge](#)
- Classifying images of circles and squares
- Predicting winning probabilities in HK horse racing

Data acquisition

- [Transfer web analytics data to MongoDB](#)
- Create profiles for websites