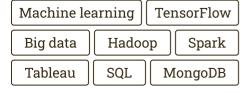


# **NG Ming Hin**

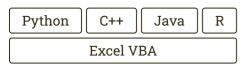
- (+852) 9349 1019
- LinkedIn / GitHub
- ★ m2ng.github.io
- > Hi, I am Matthew.
- > I have a very strong interest in data, particularly in data science, machine learning and big data. My willingness to learn allows me to familiarize myself with new things quickly and be open to others' opinions.

## **SKILLS**

#### **Data-related**



#### Programming languages



#### 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 multiethnic 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