# SUM YU NG

Financial Mathematics BSc final year student

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✉ https://sumyu199.github.io/sumyuprofile/index.html

in https://www.linkedin.com/in/sumyu-ng-b64a321b0/

○ https://github.com/sumyu199

## Education

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|---|---|
| **University of Nottingham (UK)** | 2018 - now |
| Bachelor of Financial Mathematics | |
| Risk, Information & Insurance (70) \| International Finance (73) | |
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| **University of Nottingham   (UK)** | 2017 - 2018 |
| Engineering and Physical Sciences Foundation Programme | |
| Average score:87 | |
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| **Tsuen Wan Public Ho Chuen Yiu Memorial College (HK)** | 2011 – 2017 |
| Hong Kong Diploma of Secondary Education | |
| Maths 5\| Chinese 4 \| Liberal Studies 4 | |

## Skills

### Tools & Technologies

- Analyse Data with Python (with project)
- Build a Machine Learning Model with Python (with project)
- Analyse Data with SQL
- Microsoft Excel
  Linkedin Excel 2016 Essential Training with NASBA
- Google Analytics
  Google Analytics Individual Qualification
- HTML & CSS (Personal Website)
- Rstudio (With Project)

### Languages

- Cantonese
- Mandarin
- English
  Coursera GTC Statement of Accomplishment

## Project

Following projects' details are all shown on my personal website

### Data Preparation of Quantium
Jupyter notebook
- Data Exploration and Cleaning
- Data Visualisation
- Dimensionality Reduction
- Data Analysis

### Technical Analysis of stocks with Streamlit
Python
- Application Construction
- Data Exploration and Cleaning
- Data Visualisation
- Data Analysis
- Prediction with Support Vector Machines

### Decision Trees with Titanic
Jupyter notebook
- Data Exploration and Cleaning
- Data Visualisation
- Machine learning Descision Tree

### Logistic Regression with Olympics
Rstudio
- Data Exploration and Cleaning
- Data Visualisation
- Hypothesis Test
- Machine learning Logistic Regression

## Experience

**Assistant |Data Entry and Event Organisation**          June 2018 – Sept 2018
United Social Services Centre (HK)


**Tutor | Tu**          Dec 2017 – Jan 2018
Master Talent Education Consultancy Limited