


# JOEL QUEK

## BSc (Hons) in Mathematics

 Singapore  joel-quek-zh

 joel-quek [Click Each Icon to Access Pages]

### EDUCATION

#### Georgia Institute of Technology

MASTER OF SCIENCE IN ANALYTICS

- Problem Sets Source Codes [Click Here]

#### National University of Singapore

BSc (HONS) IN MATHEMATICS

- Major in Pure Mathematics
- Relevant Fields of Study: Linear Algebra, Statistics and Applied Probability, Programming
- Minor in Theatre Studies
- Honors Thesis: Equiconsistency of Classical Predicative Calculus and Intuitionistic Predicative Calculus [Click Here]

#### General Assembly: Data Science Immersion

CLICK EACH LINE TO ACCESS THE GITHUB PAGES

- Dengue Predictions
- Capstone Project - The Lazy Student

#### National Institute of Education Singapore

POSTGRADUATE DIPLOMA IN EDUCATION

#### Licenses and Certifications

CLICK EACH LINE TO ACCESS THE VERIFIED CERTIFICATES

- Harvard University - CS50P: Introduction to Programming with Python
- University of Michigan - Introduction to Data Science in Python
- University of Michigan - Applied Plotting, Charting & Data Representation in Python

### PROFESSIONAL EXPERIENCE

#### National University of Singapore

HIGHER EDUCATION - TEACHING ASSISTANT

- GE1000 Quantitative Reasoning with Data
- Teaching R, Excel, Python
- Source Codes for Data Scraping and Tutorials [Click Here]

#### Ministry of Education Singapore

EDUCATION OFFICER

- Analysis of Academic Data using Python [Click Here]
- Remote Teaching using YouTube [Click Here]
- Public Service Long Service Award and Outstanding Contribution Award (Team)
- Effective Communication with external stakeholders
- Effective mentor and guiding students in values education, character building and career guidance

#### Singapore Armed Forces

LEADERSHIP EXPERIENCE

- Basic Military Training Centre Instructor
- GKS Command and Staff College Graduate
- Effective interpersonal communication and ability to collaborate with others

### REFEREES

REFEREES AVAILABLE UPON REQUEST

Remote  
01/2023 - Today

Singapore  
08/2010 - 08/2014

Singapore  
08/2022 - 03/2023

Singapore  
08/2014 - 08/2015

Singapore  
04/2022 - 08/2022

Singapore  
01/2023 - Today

Singapore  
08/2014 - 12/2022

Singapore  
02/2009 - Today



### ABOUT ME

Husband, Son, Teacher and Marvel Fan

I enjoy learning

### SKILLS

Mathematical Reasoning

Python

Data Visualisation

Excel

R Programming

LaTeX

MATLAB

Novice Intermediate Proficient

### LANGUAGES

English • Fluent  
Mandarin • Competent

### HOBBIES

Travel, Eating, Running,  
Mathematics, Reading