JOEL QUEK

BSc (Hons) in Mathematics

- Singapore
- joel-quek-zh
- redoctober89@gmail.com
- joel-quek

[Click Each Icon Above to Access Pages]

EDUCATION

National University of Singapore
BSc (Hons) in Mathematics

Singapore
08/2010 - 08/2014

- 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]

National Institute of Education Singapore
Postgraduate Diploma in Education

Singapore
08/2014 - 08/2015

General Assembly: Data Science Immersion
Click Each Line to Access the GitHub Pages

Singapore
08/2022 - 03/2023

- Dengue Predictions
- Capstone Project - The Lazy Student

Licenses and Certifications
Click Each Line to Access the Verified Certificates

Singapore
04/2022 - 08/2022

- 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

Singapore
01/2023 - Today

- GEA1000 Quantitative Reasoning with Data
- Teaching R, Excel, Python
- Source Codes for Data Scraping and Tutorials [Click Here]

Ministry of Education Singapore
Education Officer

Singapore
08/2014 - 12/2022

- 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

Singapore
02/2009 - Today

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

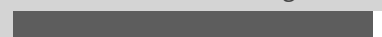## REFEREES

Referees available upon request

ABOUT ME

Husband, Son, Teacher and Marvel Fan

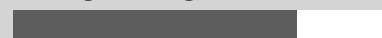I enjoy learning

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