

# JOEL QUEK

## BSc (Hons) in Mathematics

 Singapore

 joel-quek-zh

 redoctober89@gmail.com

 joel-quek

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## EDUCATION

### 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

Singapore  
08/2010 - 08/2014

### 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

- Project 4 - Dengue Predictions
- Capstone Project - The Lazy Student

Singapore  
08/2022 - 03/2023

### 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

Singapore  
04/2022 - 08/2022

## PROFESSIONAL EXPERIENCE

### National University of Singapore

HIGHER EDUCATION - TEACHING ASSISTANT

- GEA1000 Quantitative Reasoning with Data
- Teaching R, Excel, Python

Singapore  
01/2023 - Today

### Ministry of Education Singapore

EDUCATION OFFICER

- Effective Communication with external stakeholders
- Management of Academic Data using Microsoft Excel
- Remote Teaching using Learning Management Systems and YouTube
- Public Service Long Service Award and Outstanding Contribution Award (Team)
- Effective mentor and guiding students in values education, character building and career guidance

Singapore  
08/2014 - 12/2022

### Singapore Armed Forces

LEADERSHIP EXPERIENCE

- Basic Military Training Centre Platoon Commander
- Division General Staff - Command and Staff College Graduate
- Effective interpersonal communication and ability to collaborate with others

Singapore  
02/2009 - Today

## REFEREES

CONTACT DETAILS AVAILABLE UPON REQUEST

### Mr K. Govindan

PRINCIPAL - MINISTRY OF EDUCATION SINGAPORE

Singapore

### Mrs Yvonne Ong

VICE PRINCIPAL - MINISTRY OF EDUCATION SINGAPORE

Singapore

### Professor Yang Yue

NATIONAL UNIVERSITY OF SINGAPORE

Singapore



## ABOUT ME

Husband, Son, Teacher and Marvel Fan

I enjoy learning

## SKILLS

Mathematical Reasoning



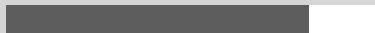
Python



Data Visualisation



Excel



MATLAB



LaTeX



Novice Intermediate Proficient

## LANGUAGES

English • Fluent

Mandarin • Competent

## HOBBIES

Travel, Eating, Running,  
Mathematics, Reading