

# Hong MengZe

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Address: University of Nottingham Malaysia, Jalan Broga 43500 Semenyih

## Education Background

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University of Nottingham Malaysia

Malaysia, Selangor

BSc Mathematics and Data Science

2021.09-2024.06

- **Average: 75**
- **Core Modules :** Calculus and Linear Algebra, Probability, Statistics, Statistical Inference, Optimization, Scientific Computation, Programming and Algorithms, Artificial Intelligence, Machine Learning, Language and Computation

## Education Experience

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Sayfol International School

Malaysia, Kuala Lumpur

School President

2018.09-2019.06

- Organize major events and actively communicate with students and school management board.
- Prepare presentations for both students and guests, represent school for major Education Fair and National Events
- Manage the prefectorial board (24 members) and take care of student's wellbeing and disciplines.

The University of Nottingham Malaysia

Malaysia, Selangor

Student Representative of The School of Mathematical Sciences

2021.09-2022.06

- Organize Learning Community Forum with academic stuffs and university management board to discuss major academic issues raised by students.
- Organize events related to mathematical science (Senior Talk, Maths Quiz, etc.) and collaborate with other school to equip students with diversified knowledge.

Chinese Student Ambassador

2021.09-2022.06

- Represent all Chinese students in the university and actively communicate with the CSAM and university's International Office.
- Organize events for Chinese Festivals and establish connections with Chinese students from other universities.

## Internship Experience

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AirClass

UK / China

Mathematics Teacher

2021.08-2022.01

- Provide mathematics education to Primary and Secondary students in UK, prepare and manage student reports at weekly basis and actively communicate with student's parents and company's upper management team.
- Apply various types of education methods with supporting psychological theorems in class to improve content delivery and communication.
- Design PowerPoint Presentation for demonstrating mathematical concepts and created question sets for testing student's understanding.

University of Nottingham Malaysia

Malaysia

Science and Engineering Internship

2022.06-2022.08

- Research title: Application of Matrices in Cryptography, supervised by Dr. Chee Wing Loon.
- Conduct literature review for the various improvements made to the Hill Cipher cryptosystem by past research.
- Write academic report and prepare presentation to present the findings.

## **Skills and Interest**

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**Academic Achievements:** High Achiever Scholarship, Nottingham Advantage Award

**Language:** Mandarin (first language); English (advanced); French (elementary)

**Skills:** Microsoft Office (Word, Excel, PowerPoint); Programming (various languages); Formal presentation, report and document writing

**Interest:** Classical Music, Problem Solving, Finance