

Ang Xin

Mathematics and Data Science Student

My Contact

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Skills

- Proficient in Python
- Proficient in R
- Familiar with SQL
- Familiar with Excel

About Me

I am a second-year Mathematics and Data Science student with a strong passion for learning, particularly in the fields of machine learning and data science. Proficient with programming and statistical analysis, I am eager to gain hands-on experience across diverse industries.

Education Background

University of Nottingham Malaysia BSc Mathematics and Data Science

2022 – Present

First Year Weighted Average: 89%

Relevant Modules:

- Statistics
- Probability
- Fundamentals of AI

HELP Academy A-levels

2021–2022

Grade: 4A*

- Mathematics
- Further Mathematics
- Physics
- Chemistry

Wolsey Hall Oxford IGCSE

2018–2020

Grade: 7A* 1A

Relevant Subjects:

- Mathematics
- Additional Mathematics
- Computer Science
- English Second Language
- Business Studies

Professional Experience

Summer Research Internship

July 2023 – September 2023

Supervisor: Dr Ho Weang Kee, Associate Professor, University of Nottingham Malaysia

Project Title: Polygenic Risk Scores for Prediction of Breast Cancer Subtypes

- Performed statistical research as a volunteer researcher at Cancer Research Malaysia
- Performed analyses such as logistic regression and fixed effect meta-analysis with R
- Created visualisations of the data and findings with R
- Produced a report on the findings and conclusion

Extra-curricular Activities

Malaysia Data Innovation Talent X DOSM Datathon 2023

July 2023 – September 2023

Achieved 3rd place out of 100 groups

Representing University of Nottingham Malaysia

- Produced an interactive dashboard using Power BI to analyse the air quality situation in Malaysia
- Produced a report to analyse the air quality situation in Malaysia
- Pitched dashboard findings and solutions at Bank Negara Malaysia

Secretary of Mathematics Society

September 2023 – Present

- Founding committee of the Mathematics Society in University of Nottingham Malaysia
- Organise meetings and record meeting minutes
- Ensure event documents are prepared and well organised
- Communicate with members, society advisor and external speakers on behalf of the society

WorldQuant Brain Alphon

October 2023 – November 2023

5th Place

- Quantitative Finance competition within University of Nottingham Malaysia
- Programmed financial models on the WorldQuant platform for 3 consecutive weeks
- Investigate movement of the stock market based on different economic indicators

Simon Marais Mathematics Competition

October 2023

Representing University of Nottingham Malaysia

- Participated in the team category

Competitive Programming Competitions

2022

Nottathon: Lovelace (3rd Place)

Monash Coding League (Top 25 teams)

Codenecton (46th Place)