Ang Xin

Mathematics and Data Science Student

My Contact

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🌐 angxin.github.io

in www.linkedin.com/in /xin-ang-699366262

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 Alphaton

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)
Codenection (46th Place)