

Ashley Ng Le Xuan

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nglexuan.github.io

EDUCATION

University of Manchester BSc Actuarial Science and Mathematics 81.9%	Manchester September 2022 — June 2025
Sunway University College A-Levels 4A*s Subjects: Further Mathematics, Economics, Mathematics and Accounting	Selangor, Malaysia July 2020 — December 2021
Sri KDU International School IGCSE 11A*/A	Selangor, Malaysia Sept 2016 — June 2020

EXPERIENCE

Hong Leong Bank Berhad <i>Intern (Global Markets, Structured Solutions)</i>	Kuala Lumpur, Malaysia July 2024 - August 2024
<ul style="list-style-type: none">Created weekly fact sheets and market impulses to promote the stocks that will be launched for the week to clients/publicLearned about different structured products offered by the bank and prepared pitch books to clients that align with their investment goalsRotated to Economics and Income Research, FIGLC, Corporate Solutions, Equity Trading, Credit Trading, Rates and Forward Trading and Spot FX Trading desks	
UoM Peer Support <i>PASS Leader</i>	Manchester, UK September 2023 - June 2024
<ul style="list-style-type: none">Completed training to offer assistance to first-year students' transition to and through higher education by providing past experience while I was a first year	
Hong Leong Bank Berhad <i>Intern (Digital Banking)</i>	Kuala Lumpur, Malaysia March 2022 - June 2022
<ul style="list-style-type: none">Constructed detailed report daily to update on work progress and errors found in the application and/or website while conducting testing	
Grace Volleyball Academy <i>Assistant Coach</i>	Selangor, Malaysia March 2022 - June 2022
<ul style="list-style-type: none">Implemented effective training drills, strategic game planning and personal feedback that resulted in measurable improvement in players' skills and overall team performance	
MUJI Malaysia <i>Part-time Retail Assistant</i>	Selangor, Malaysia January 2022 - February 2022
<ul style="list-style-type: none">Delivered exceptional customer service and contributed to the overall success of the retail team by engaging with customers using clear communication to ensure a positive shopping experience and fostering lasting relationships	
Sunway Student Volunteers <i>Student Volunteer</i>	Selangor, Malaysia July 2020 - January 2021
<ul style="list-style-type: none">Actively contributed time and skills to engage in environmental conservation efforts, collaborated with diverse groups of people, and demonstrated a passion for addressing social issues	

PROJECTS

Analysis of Bananas in the World (MATLAB) <i>Project Link: https://nglexuan.github.io/bananapricesanalysis.html</i>	December 2024
<ul style="list-style-type: none">Analysed and visualised the price fluctuations of bananas according to different regions.	

Contingencies - Life Assurance (RStudio)

Project Link: <https://nglexuan.github.io/contingencies1.html>

March 2024

- Analysed a whole life assurance scenario given by my lecturer using AM92

Goodness of Fit and Monte Carlo Sampling (RStudio)

Project Link: <https://nglexuan.github.io/practicalstatistics3.html>

December 2023

- Investigated whether a given sample data could be regarded as a standard normal distribution using Goodness of Fit tests and applied Monte Carlo on estimations and rejection samplings using R and LaTeX

Casualty Severity Analysis (RStudio)

Project Link: <https://nglexuan.github.io/practicalstatistics2.html>

October 2023

- Analysed the relationship between casualty severity and mode of transport in Greater London 2022 using R and LATEX

Naive Bayesian Spam Classification (Python)

Project Link: <https://nglexuan.github.io/naivebayesianclassification.html>

July 2023

- Used Naive Bayes to implement a filter to analyse whether a message received is a spam message using pandas in Python

ACHIEVEMENTS

Peak Data Science Hackathon

Manchester, UK

First Place

June 2024

- Analysed sales and profit of different products from a given superstore dataset and provided forecasting on the movement of the data
- Gathered and reported our findings on Github.

Duke of Edinburgh

Kuala Lumpur, Malaysia

Bronze Award

November 2018 - July 2019

- Completed a 19km hike for a 2 days 1 night expedition, cooperated with teammates to find the paths to the end using a compass and map
- Tutored refugee students aged 5-13 every week for three months as a part of my volunteering section

Senior Mathematical Challenge (UKMT)

Selangor, Malaysia

Bronze Award

October 20202

- Achieved Bronze Award for the challenge in college

Intermediate Mathematical Challenge (UKMT)

Selangor, Malaysia

Silver Award

January 2017

- Achieved Silver Award for the challenge in secondary school

SKILLS

- **Data Analysis:** Proficient in R, Python, LaTeX Overleaf
- **Software:** Proficient in RStudio and MS Office
- **Languages:** English (Fluent), Mandarin (Fluent), Cantonese (Fluent), Malay (Advanced)

HOBBIES AND INTERESTS

Cheerleading

Charm Cheerleading Championship (C3)

Kuala Lumpur, Malaysia

- Open Coed Level 4 (Champion)

August 2022

- High School Coed Level 3 (Champion)

July 2019

Asia Cheerleading Invitational Championship (ACIC)

Downtown East, Singapore

- High School All Girls Level 2 (Champion)

April 2018

Volleyball

Grace Volleyball Tournament

Selangor, Malaysia

- Women's Open (Bronze)

August 2022

Majlis Sukan Sekolah Selangor

Selangor, Malaysia

- State Volleyball Competition (Silver)

July 2016