

# Ashley Ng Le Xuan

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nglexuan.github.io

## EDUCATION

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

## EXPERIENCE

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<b>Hong Leong Bank Berhad</b> <i>Intern (Global Markets, Structured Solutions)</i>	Kuala Lumpur, Malaysia July 2024 - August 2024
<ul style="list-style-type: none"><li>Created weekly fact sheets and market impulses to promote the stocks that will be launched for the week to clients/public</li><li>Learned about different structured products offered by the bank and prepared pitch books to clients that align with their investment goals</li><li>Rotated to Economics and Income Research, FIGLC, Corporate Solutions, Equity Trading, Credit Trading, Rates and Forward Trading and Spot FX Trading desks</li></ul>	
<b>UoM Peer Support</b> <i>PASS Leader</i>	Manchester, UK September 2023 - June 2024
<ul style="list-style-type: none"><li>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</li></ul>	
<b>Hong Leong Bank Berhad</b> <i>Intern</i>	Kuala Lumpur, Malaysia March 2022 - June 2022
<ul style="list-style-type: none"><li>Constructed detailed report daily to update on work progress and errors found in the application and/or website while conducting testing</li></ul>	
<b>Grace Volleyball Academy</b> <i>Assistant Coach</i>	Selangor, Malaysia March 2022 - June 2022
<ul style="list-style-type: none"><li>Implemented effective training drills, strategic game planning and personal feedback that resulted in measurable improvement in players' skills and overall team performance</li></ul>	
<b>MUJI Malaysia</b> <i>Part-time Retail Assistant</i>	Selangor, Malaysia January 2022 - February 2022
<ul style="list-style-type: none"><li>Delivered exceptional customer service and contributing 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</li></ul>	
<b>Sunway Student Volunteers</b> <i>Student Volunteer</i>	Selangor, Malaysia July 2020 - January 2021
<ul style="list-style-type: none"><li>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</li></ul>	

## PROJECTS

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<b>Contingencies - Life Assurance (RStudio)</b> <i>Project Link: <a href="https://nglexuan.github.io/contingencies1.html">https://nglexuan.github.io/contingencies1.html</a></i>	March 2024
<ul style="list-style-type: none"><li>Analysed a whole life assurance scenario given by my lecturer using AM92</li></ul>	

## 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 relation between casualty severity and mode of transport in Greater London 2022 using R and LATEX

## White Wine Analysis (RStudio)

Project Link: <https://nglexuan.github.io/practicalstatistics1.html>

October 2023

- Analysed the contains of sulfur dioxide, the quality and density of white wine from a dataset using R and converted analysis to a report using 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

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### Duke of Edinburgh

Bronze Award

Kuala Lumpur, Malaysia  
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)

Bronze Award

Selangor, Malaysia  
October 2020

- Achieved Bronze Award for the challenge in college

### Cambridge Upper Second Science Competition

Silver Certificate

Selangor, Malaysia  
April 2020

- Decided on an experiment topic after discussion with teammates, performed the experiment and observed the results of the experiment. Compiled results and experiment plan into a PowerPoint for a presentation

### Intermediate Mathematical Challenge (UKMT)

Silver Award

Selangor, Malaysia  
January 2017

- Achieved Silver Award for the challenge in secondary school

## SKILLS

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- **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

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### 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
- Friendly Tournament (Silver) October 2019

Majlis Sukan Sekolah Selangor

Selangor, Malaysia

- State Volleyball Competition (Silver) July 2016