

## EDUCATION

## The University of Melbourne, Australia

2023 - 2025

- Penultimate year student taking an undergraduate degree as a Bachelor of Science (B-SCI) with an intended major of Computing and Software Systems. Expected to graduate in 2025.
  - Current Weighted Average Mark (WAM) of First Class Honours (H1)
    - Requirement: Final mark of above 80% (currently 84%)

## Canadian International School of Hong Kong

2012 - 2022

- Graduated with the International Baccalaureate (IB) Diploma and Ontario Secondary School Diploma (Higher level subjects: Math AA, Business Management, Physics).
  - Predicted IB 45, achieved IB 44 (Max score: 45, equivalent ATAR: 99.80)

## WORK EXPERIENCE

## Intern at Walter and Eliza Hall Institute of Medical Research (WEHI)

Nov 2024 - Present

- Developed a Retrieval-Augmented Generation (RAG) LLM designed for student interns to independently answer queries and thereby accelerate the onboarding process
- Built using the TxtAI framework, leveraging the all-MiniLM-L6-v2 embeddings model and Mistral 7B OpenOrca as the LLM

## Intern at PriceWaterhouseCooper (PwC) HK Digital Assurance Credit Risk Team

Nov 2023 - Jan 2024

- Completed a project for a virtual bank, collaborating in a small team of 4 members to develop a credit scorecard model using Analytical Hierarchy Process (AHP) and Pandas/NumPy libraries.
- Pitched the model and proposed a second phase of development to the client CEO.

## NOSH All Rounder

Aug 2023 - Present

- Permanent part-time hospitality worker in a tight knit team serving customers and catering premium japanese poke bowls working 10+ hours/week.

## EXTRACURRICULARS

## Events Officer CISSA (Computing and Information Systems Students Association)

Oct 2024 - 2025

- Collaborate within the CISSA events committee to initiate, plan and run regular social, educational and industry-related events for the university community.

## Events Coordinator for UniMelb Christian Union

May 2023 - Aug 2024

- Plan, organise and manage both weekly and large-scale annual events for the Design, Science and Agriculture faculties in a committee of 7 members that oversees over 60 members.

## PROJECTS

## Developed a Quantitative Pairs Trading Algorithm

June 2024 - July 2024

- Self-initiated research into pairs trading techniques using Python to test for cointegration and then develop a profitable algorithm based on sample data for 2 financial instruments.

## Co-Developed and Published an IOS App ("Adtende", Hong Kong App Store)

2021 - 2022

- Designed, coded and published an IOS app with a partner that homogenised our highschool's attendance systems into one app that integrated Google Sheets API with over 70 concurrent users.

## SKILLS

Language Proficiency: English (Native), Mandarin (Proficient), Japanese (Conversant)

Programming Proficiency: Python, C, Java, HTML, CSS, Swift, Pandas, NumPy, ReactJS, Git, Figma

