

JOSHUA GOI

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE (NUS)

Bachelor of Science in Business Analytics with Honours

Aug 2023 - Present

- Internship availability: Dec 2024 - Jan 2025 / May 2025 - July 2025
- Grade Point Average: 4.72/5.00
- Relevant Courses completed:
 - *Programming Methodology I (A), Introduction to Business Analytics (A), Calculus for Computing (A), Introduction to Economic Analysis (A), Data management and Visualisation (A+)*
- Relevant Courses (currently enrolled):
 - *Econometrics Modelling for Business Analytics, Data Structures and Algorithms*
- Awards:
 - Top Students Award for Data Management and Visualisation out of 331 students

ST JOSEPH'S INSTITUTION

Feb 2019 - Nov 2020

International Baccalaureate Diploma (IB)

- Distinction for Mathematics and Economics at Higher Level (HL)
- Score: 43/45

INTERNSHIPS & WORK EXPERIENCE

Operations Intern, Woopa Travels

Jan 2023 - Mar 2023

- Initiated development of new shortcuts using Excel Macros, boosting efficiency in sorting and formatting data for over 500-1,000 tour participants
- Crafted comprehensive manuals to support colleagues in utilising newly implemented shortcuts
- Proposed and integrated a shortcut for sending mass Whatsapp messages to tour participants
- Coordinated tours for both of Woopa Travels' brands: Monster Day Tours and Lion Heartlanders

Part-time Mathematics Tutor

Nov 2020 - Present

- Conducted Maths lessons for ~50 IB, IGCSE, Secondary School and Primary school students with an average improvement of 2 grade bands

PROJECTS

Independent Software Development Project (NUS Orbital), Co-Developer

May 2024 - Aug 2024

- Developed and deployed a full-stack financial management application for university students from scratch, using Django, React and PostgreSQL
- Incorporated features such as Budget, Income and Expense tracker, Personalised analytics, Student Discount Panel and Savings Goal tracker
- Co-authored comprehensive documentation including mockups, UML diagrams and bug fixes

CO-CURRICULAR ACTIVITIES & VOLUNTEERING

Innovations and Insights Associate, NUS Alumni Ventures

Sep 2024 - Present

- Organised expert panel discussions with industry leaders for ~50 participants including students, angel investors and startup founders on topics on technology

Volunteer tutor, Ulu Pandan Stars Programme

Apr 2019 - Sep 2020

- Mentored and guided 20-30 primary and secondary school students from underserved families
- Developed structured lesson plans, later adopted by future tutors
- Collaborated with fellow volunteers to formulate educational strategies, leading to improved academic performance for over 50 students within a year

SKILLS & INTERESTS

- Bilingual in English and Mandarin
- Proficient in Microsoft Office, Google Suite, Tableau, R, Python, Java, MySQL, CSS
- Interests: Financial modelling, Data Analytics and Stock analysis (FA and Value investing)
- Hobbies: Ultimate Frisbee, Football, Hiking