JOSHUA GOI

jgde0924@gmail.com | +65 98452509 | Linkedin |

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE (NUS)
Bachelor of Science in Business Analytics with Honours   **Aug 2023 - Present**
- Internship availability: 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 Modeling for Business Analytics*
    - *Data Structures and Algorithms*
    - *Statistics and Probability*

- Awards:
    - Top Students Award for Data Management and Visualisation out of 331 students (AY23/24 Sem 2)

ST JOSEPH'S INSTITUTION   **Feb 2019 - Nov 2020**
International Baccalaureate Diploma
- Mathematics and Economics at Higher Level (HL)
- Score: 43/45

INTERNSHIPS & WORK EXPERIENCE

Woopa Travels *Operations Intern*   **Jan 2023 - Mar 2023**
- Contributed to developing new shortcuts using Excel Macros, enhancing the efficiency of sorting and formatting data for over 500-1,000 tour participants
- Crafted comprehensive manuals to support colleagues in utilising the newly implemented shortcuts
- Proposed and implemented a new shortcut for sending mass Whatsapp messages to tour participants
- Coordinated tours for both of Woopa Travels' brands: Monster Day Tours and Lion Heartlanders

Freelance tutor *Part-time Math tutor*   **Nov 2020 - Present**
- Conducted Math lessons for over 50 IB, IGCSE, Secondary School and Primary school students with an average improvement of 2 grade bands
- Designed and delivered personalised lessons, including drafting concise notes and creating tailored worksheets and tests for each student
- Provided timely feedback through weekly reports to parents

PROJECTS

Independent Software Development Project (NUS Orbital), Co-Developer   **May 2024 - Aug 2024**

PennyWi$e
- Developed and deployed (on Render and Vercel) a full-stack financial management application from scratch using Django for the backend, React for the frontend and PostgreSQL for the database
- Designed and integrated interactive dashboards using Recharts for data visualisation, providing insights into users' spending habits
- Managed user authentication and security using JWT tokens
- Co-authored comprehensive documentation (README file) including mockups, UML diagrams and detailed description of bugs and code

CO-CURRICULAR ACTIVITIES & VOLUNTEERING

Volunteer tutor, Ulu Pandan Stars Programme   **Apr 2019 - Sep 2020**
- Mentored and guided 20-30 primary and secondary school students from underserved families to overcome academic challenges
- Developed structured lesson plans that were adopted by future tutors
- Collaborated with fellow volunteers to tailor educational strategies which resulted in an overall improvement in academic performance of over 50 students within a year

SKILLS & INTERESTS

- Bilingual in English and Mandarin
- Proficient in Microsoft Office, Google Suite, Tableau, R, Python, Java, mySQL
- Interests: Financial modelling, Data Analytics and stock analysis (FA and value investing)
- Hobbies: Ultimate Frisbee, Football