JOEL LO LIANG ZE

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EDUCATION

National University of Singapore (NUS)   **Aug 2021 - May 2025**
Bachelor of Engineering, Industrial & Systems Engineering (Honours)
- Second Major in Data Analytics and Minor in Computer Science
- Expected date of Graduation: May 2025
- GPA: 4.18 / 5.0 (Distinction)
- Conducted an Independent Software Development Project in NUS School of Computing, under Orbital 2022, to help NUS students rank their course priority for course registration.
- Embarked on a 3-month work-study programme focused on entrepreneurship, as the pioneer batch for the Hanoi Chapter of NUS Overseas College (NOC), May 2023 Intake.

EXPERIENCE

National University of Singapore, Teaching Assistant   **Aug 2023 - Present**
- Instructing a class of 35 students on Industrial and Systems Engineering Principals which includes mathematical modelling, data analytics, simulation, and decision-making.

Viettonkin Consulting, Business Development Intern   **May 2023 - Aug 2023**
- Managed client relations, conducted business development activities, and established strategic partnerships with prominent Singapore corporate secretarial companies.
- Supported cross-office coordination between Hanoi and Ho Chi Minh City to work on closing deals that include a Fortune 500 Company.

National University of Singapore, Student Research Assistant   **Jan 2023 - May 2023**
- Developed computer vision models, DETR and Deformable DETR, to detect housekeeping issues on construction sites in Singapore.

National University of Singapore, Student Assistant   **Dec 2021 - Jan 2022**
- Created E-Learning Resources on Replacement Analysis, Risk & Uncertainty and Capital Budgeting for Engineering Economics for a cohort of 100 students.

EXTRA CURRICULAR ACTIVITIES

National University of Singapore ISE Club, Vice President (Internal) Aug 2021 – Aug 2023
- Mentored project directors and vice-project directors in medium-scale event planning of 12 events and ensured compliance with NUS policies and PDPA Act Singapore.
- Represented the ISE student body to voice shared perspectives and concerns to NUS and the Engineering Accreditation Board which resulted in curriculum changes.

AWARDS
- Qualified for Semi-Finals for WorldQuant International Quant Challenge 2023 (Group).
- Won Best Business Use Case in NTUC FutureX 2022 Regional Hackathon.
- Conferred TFLEaRN Programme 2022 Summer Scholarship by Temasek Foundation.

CERTIFICATIONS
- Certification in Foundations in AI, AI FOR INDUSTRY (AI4I)® - AI Singapore

SKILLS
- Language: English (Native), Chinese (Fluent), Thai (Basic)
- Technical: Advanced Excel, CSS, Figma, GitHub, HTML, Java, JavaScript, Linux, Python, R, React.js, SQL, VBA