

JOEL LO LIANG ZE

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EDUCATION

National University of Singapore (NUS) **Aug 2021 - Present**
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.

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.
- Maintaining an open-door policy to provide one-on-one support and mentorship to students who seek further clarification or assistance.

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

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

CERTIFICATIONS

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

SKILLS

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