

JOEL LO LIANG ZE

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EDUCATION

National University of Singapore (NUS) **Aug 2021 - Present**
Bachelor of Engineering (Hons): Industrial & Systems Engineering Management

- Second Major in Data Analytics and a Minor in Computer Science
- GPA: 4.23 / 5.0 Honours (Distinction)
- Conducted an Independent Software Development Project (Frontend) in NUS School of Computing, Orbital 2022, awarded Apollo 11 (Advanced) for excellence in code documentation and software methodologies.

EXPERIENCE

Viettonkin Consulting JSC (Hanoi), Business Development Intern **May 2023 - Present**

- Grew partnership network with 5 Singaporean Corp Sec Firms within 2 weeks.
- Automated business processes using JavaScript and Python.

National University of Singapore (NUS), Student Research Assistant **Jan 2023 - May 2023**

- Developed computer vision models, DETR and Deformable DETR, to detect housekeeping issues on construction sites in Singapore under Dr Goh Yang Miang, with the Built Department for Undergraduate Research Opportunities Programme (UROP).

National University of Singapore (NUS), 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 90 students under Dr Tan Chin Hon, with the Industrial Systems Engineering and Management Department.

EXTRA CURRICULAR ACTIVITIES

Vice President (Internal), National University of Singapore ISE Club **Aug 2021 - Present**

- Mentored project directors and vice-project directors in medium-scale event planning.
- Represented the AY21/22 ISE cohort to raise common consensus and concerns to the NUS ISEM department and Engineering Accreditation Board.
- Spearheaded planning behind NUS ISE Club first physical night cycling event in 2022 for 50 participants, coordinated with external parties and vendors to meet tight timelines, whilst adhering to volatile covid policies.

AWARDS

- Awarded Gold Level for International WorldQuant Challenge 2023 (Individual).
- Qualified for Round 2 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

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

SKILLS

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