

JOSHUA WU

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Quantitative professional combining a Master of Artificial Intelligence with Advanced Finance and Economics (Honours), bringing practical experience in financial modelling, data pipeline development, and large-scale commercial analysis (\$1.5bn portfolio, 2 million data points). Skilled in Python, SQL, and Power BI, with academic research spanning ESG trading returns and energy decarbonisation. Proven ability to translate complex quantitative and technical analysis into actionable insight for both strategic decision-making and technology-driven problem solving.

EDUCATION

Post-Graduate Travel Sabbatical: East and Southeast Asia	Dec 2025 – July 2026
Monash University: Master of Artificial Intelligence GPA: 3.88 / 4.00 WAM: 87.13% Developed award-winning capstone projects in <i>Street Park Tracking</i> and a <i>User-Based Sobriety Web Platform</i> . Coursework in: <i>Reinforcement & Deep Learning, Natural Language Processing, Project/Agile Management</i>	Feb 2024 – Nov 2025
University of Queensland: Bachelor of Adv. Finance & Economics (Hons) GPA: 6.78 / 7.00 WAM: 89.93% Honours Research in (1) <i>ESG and Trading Returns</i> and (2) <i>Anaerobic Digesters in Decarbonisation</i>	Feb 2020 – Nov 2023
Brisbane Grammar School	Feb 2015 – Nov 2019

EXPERIENCE

Argon & Co (formerly Caliba Group): Procurement Analyst, PT/FT Utilised Agile methods across healthcare, mining, education, and manufacturing sectors to deliver and manage procurement contracts. - Process Optimisation: Streamlined opportunity assessments, reducing turnaround times by up to 33% and enabling greater client uptake capacity. - Large-Scale Portfolio Management: Managed analysis of \$1.5bn portfolio comprising of 2 million purchase orders across multiple industries, leading to the approval and delivery of the largest client in firm history. - Technical Implementation: Introduced VBA macros to increase data analysis throughput and introduced PowerBI and SQL databases to handle large, complex enterprise datasets. - Cost Reduction: Collaborated in a specialised two-person team over 12 months to consistently exceed savings targets for freight, packaging, and manufacturing consumables.	Jun 2021 – May 2024
University of Queensland: Academic Tutor & Teaching Assistant Taught and managed 1000+ students in microeconomics, macroeconomics, statistics, and competition policy. Driving improvements in course pass rate, engagement, and feedback.	Jan 2022 – Nov 2023
EY-Parthenon: Valuations (Vacationer) Developed and stress-tested financial models and valuation matrices for large-scale infrastructure and impairment projects within the Valuations, Modelling & Economics practice.	Nov 2022 – Dec 2022
Vincent's Chartered Accountants: Undergraduate Accountant Managed a regulatory compliance data pipeline for 53,000 clients, leveraging Transact-SQL and advanced Excel to optimise database analysis and reduce processing turnaround times by 17%.	Mar 2022 – Jul 2022
Pro Bono Econos: Consultant Constructed a quantitative socio-economic model using Excel to simulate the long-term impact of epilepsy in Queensland, successfully evaluating a \$4.099 billion lifetime cost across annual incidence matrices.	May 2021 – Nov 2021
EY: Game Changers Program, Career Compass Program	May 2021 – Oct 2021

EXTRA-CURRICULAR

UQ Photography Society (UQPS): Treasurer Managed the society's general ledger and event budgets to ensure financial compliance and the timely processing of member reimbursements. Spearheaded the implementation of new event formats, successfully driving membership growth, event attendance, and member retention during the COVID-impacted period.	Mar 2020 – Dec 2021
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INTERESTS & LANGUAGES

Languages: English (Native)
Interests: Car Physics, F1 & Sim Racing, Photography, Petrol Pricing Cycles, Computer Building