

EDUCATION

WorldQuant University <i>Master of Science in Financial Engineering</i>	Remote <i>Oct 2024 – Current</i>
Western Sydney University Vietnam <i>Bachelor of Business – Applied Finance Major</i> <ul style="list-style-type: none">First-year Vice-Chancellor's Academic Excellence Scholarship, highest tierSecond-year Vice-Chancellor's Academic Excellence Scholarship, highest tierThird-year Vice-Chancellor's Academic Excellence Scholarship, highest tier (awarded 1 year in advance)Dean's Merit List for Academic Excellence - Distinction Award (GPA: 6.43 / 7.00)Accelerated completion of bachelor's degree in 2 years; High Distinction in Econometrics, Philosophical Economics, Securities & Business Valuation, Financial Institutions & Markets, Management, Accounting, Economics, Enterprise Law, Consumer Behaviour, International Business, Corporate Finance, Human Resources	Ho Chi Minh City, Vietnam <i>May 2022 – May 2024</i>
VNU-HCM University of Economics and Law (UEL) <i>(Discontinued) Bachelor of International Economic Relations</i> <ul style="list-style-type: none">Highest GPA enrolment scholarship (SAT/IB/ACT pathway)Academic scholarship for highest GPA in Semester 1 across all students in the cohortAssisted with qualitative data analysis for a paper titled "Peer Tutors' Agency and Emotions in Tertiary English Education in Vietnam" and participated in Sociology and Cross-Cultural Studies classes for Master's students	Ho Chi Minh City, Vietnam <i>Sep 2021 – March 2022</i>
Condell Park High School <i>New South Wales High School Certificate (HSC)</i> <ul style="list-style-type: none">Valedictorian / Dux of High School and First in Course throughout all academic yearsHSC Band 6/6 for Mathematics Advanced and Mathematics Extension 1School Science Award Victor Chang Cardiac Research InstituteHigh School Student Academic Excellence Award University of SydneyDistinction & Merit awards Australian Mathematical Olympiad (AMO) & Australasian Problem Solving Mathematical Olympiads (APSMO)Top 8% of students in Australia in English University of New South Wales International Competitions and Assessments for SchoolsEarned advanced standing, skipping 1 academic year based on outstanding performanceNominated for the NSW International Student Award State of New South Wales	Sydney, Australia <i>Jan 2017 – Jan 2021</i>
Tran Dai Nghia High School for the Gifted	Ho Chi Minh City, Vietnam

PROFESSIONAL EXPERIENCE

Quantitative research assistant <i>ICLS Tech</i> <ul style="list-style-type: none">Applied triple-labelling method for labelling FOREX and CRYPTO data, integrating regime-switching models like Gaussian Mixture and Hidden Markov Models to improve prediction accuracy in volatile market conditions.Developed and implemented Automated Machine Learning pipelines to assess the probability of backtest overfitting and evaluating the robustness of existing cross-validation schemes.	Ho Chi Minh City, Vietnam <i>April 2024 – Current</i>
Product assistant <i>YOLA English</i> <ul style="list-style-type: none">Assisted the Product Manager in developing an English learning app and web extension, conducting market research and executing targeted marketing strategies; increased the app's user base by 25,000 and the extensions by 15,000, achieving a monthly active user rate of ~50%.Collaborated with external artists to implement user nurturing strategies, resulting in a 7-10% retention rate for the 21-day user cohort.	Ho Chi Minh City, Vietnam <i>Jan 2022 – Jan 2023</i>

OTHER EXPERIENCE

Graphic designer <i>Freelance</i> <ul style="list-style-type: none">Designed 200+ presentations, logos, marketing materials, and product packaging using Adobe Photoshop and Illustrator, with experience in preparing materials for both digital and print production; Collaborated with the Head of Marketing to develop cohesive brand concepts that highlighted brand identity.Ensured all designs met strict regulatory requirements, including U.S. FDA standards, for export to international markets such as Japan, New Zealand, and the U.S.	Remote <i>Jan 2022 – Current</i>
English tutor <i>YOLA English</i> <ul style="list-style-type: none">Developed teaching plans and instructed students, from school students to working professionals, in IELTS preparation and English proficiency.	Ho Chi Minh City, Vietnam <i>June 2022 – Jan 2023</i>

EXTRACURRICULARS

<ul style="list-style-type: none">P&G PEAKathon 2024 Top 4 Local Finalists of VietnamHCMC Department of Industry & Trade & HAWEE ASEAN++ Bridge Business Forum Represented Australia at the high-profile business networking event, attracting over 500 global business leaders, promoting sustainable development in the ASEAN regionProject X Participated in a non-profit fellowship program to connect tech startups with the Vietnamese students interested in IT and offer mentorship, career orientations, and technical/soft-skills training through events/workshops and building communitiesIELTS Talent Contest 2021 First place award (month) and Merit award (quarter) in Vietnam's Southern regionUEL English Club EFFI Project Leader for a team of 40+ members, organised two successful projects, which attracted over 250 participantsUEL Music Club Lead designer and member of the piano teamCondell Park High School Debate team Participated in school's debate sessions	
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SKILLS

<ul style="list-style-type: none">Technical tools: Python, R, SQL, LaTeX, Markdown, PostgreSQL, CSS, Excel, SPSS, Minitab, StataFinance: Financial machine learning (time series forecasting, predictive modelling, algorithmic trading), securities analysis, company valuation, corporate finance & capital structure, portfolio management, economic and financial modelling, international financeBusiness strategy: Consumer behaviour analysis, customer segmentation, market research, strategic management, consulting, international business strategyGraphic design: Adobe Photoshop, Adobe Illustrator	
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