

## Experience

### Data analyst | TC Data

Sep 2025 - Current

- Collaborated with clients to gather requirements, incorporate feedback, and design interactive dashboards and visual systems in Power BI.

### Product intelligence research associate | SPINS LLC

Mar 2025 - Aug 2025

- Developed automation scripts using Python, SQL, Windows Batch to streamline product research workflows.
- Helped maintain and update a 3M+ SKU product database for the U.S. Consumer Packaged Goods industry by conducting in-depth product research using market information, UPC-level POS and panel data across 180+ brand attributes.

### IT business analyst intern | Doccen

Dec 2024 - Mar 2024

- Crafted technical documentation including user stories, user flows, feature logic, and UI wireframes in Figma, informed by basic grasp of full-stack development (frontend, backend, database and APIs).
- Led Agile workflows with Jira, prioritising backlog and facilitating cross-functional communication.
- Conducted User Acceptance Testing i.e. inspecting UI elements, verifying API responses & database interactions in PostgreSQL.
- Redesigned the company sitemap and implemented slug generation rules to optimise SEO.

### Machine learning research student | ICLS Tech

Apr 2024 - Sep 2024

- Contributed to an academic research paper by cleaning, preprocessing, and engineering features (Hidden Markov Chains & mutual information) on 1M+ FOREX data points; applied a triple-barrier labelling method to improve predictive accuracy in volatile markets.
- Utilised automated machine learning to assess backtest overfitting risk (Probability of Backtest Overfit & Deflated Sharpe ratio) different cross validation methods in financial time series.

## Education

### Western Sydney University Vietnam | BBus, Applied Finance (GPA: 6.435 / 7.000)

Aug 2022 - Aug 2024

- 3-time Highest tier Vice Chancellor's Scholarship recipient (₫ 193,000,000)
- Early graduation by 1.5 years
- Recipient of Graduated with Distinction Award & Yearly Dean's Merit List Awards
- Top 4 Local Finalist (P&G Peakathon Business Competition 2024)
- 1st place winner (British Council IELTS Talent Contest, Southern Vietnam Division)

### University of Economics & Law | International Economics (Discontinued)

Aug 2022 - Aug 2024

- 2-time Scholarship recipient for Highest Entrance GPA & Highest Semester 1 GPA in CLC cohort
- Assisted English professor with cleaning and analysing data for a study on peer tutoring and agency in tertiary education in VN

### Condell Park High School | HSC

Aug 2022 - Aug 2024

- Dux (Valedictorian) of High School

## Certifications

- PL-300 Microsoft Certified: Power BI Data Analyst Associate
- Academic IELTS 8.0

## Skills

- Data analysis:** Python & Machine Learning, SQL, Spark, PowerBI
- Statistical modelling:** R, Stata, SPSS, Minitab
- Software development:** FRS/SRS documentation, Agile, HTML, CSS, APIs
- Visual design:** Figma, Photoshop, Illustrator
- Business:** Product research, market research, financial analysis and modelling

## Leadership & extracurricular activities

- Project leader** (University English Club): Led a 40+ member team and organised two campus-wide events with 250+ participants.
- Country representative** (ASEAN Bridge++ Business Forum): Selected by HCMC Department of Industry & Trade to represent Australia at a regional forum with 500+ diplomats and business leaders on sustainable trade.
- Pianist** (University Music Club): Produced and performed piano tracks for two official university music videos.
- Graphic designer** (University Clubs & Freelance): Created 200+ marketing materials for international clients and campus initiatives.
- Tech fellowship mentee** (Project X Program): Participated in a selective mentorship focused on leadership and innovation.
- Innovation participant** (LaunchPad Venture Makers – AI for Impact): Developed an AI-based business solution addressing UN SDGs.
- UI/UX designer** (UNESCO Youth Hackathon): Designed the SafeHer web app prototype for mobile and desktop.

## Projects

### ETL data pipeline and FastAPI for World Bank data ingestion [🔗](#)

Data engineering, API

- Built an ETL and API system using Python, SQLAlchemy ORM, PostgreSQL, pandas, and requests to ingest, transform, and load World Bank indicator data into relational models with time-series structures, upsert logic, and dimension/fact table handling, and served it via FastAPI with pydantic-based CRUD endpoints, schema validation, and model definitions.

### Comprehensive strategic, competitive, financial analysis of Hoang Anh Gia Lai company [🔗](#)

Research, finance

- Conducted strategic, financial, and valuation analysis of Hoang Anh Gia Lai (2018–2022) using 3F, SWOT, Porter's 5 Forces, DCF, APV, CCA, regression forecasting, scenario/sensitivity analysis, Monte Carlo simulation, Altman Z-score, and VaR to assess revenue drivers, risks, competitive position, and investment viability.