

Xuan (Winny) Li

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EDUCATION

The University of New South Wales

PhD candidate - *Computer science*

Sydney, Australia

September 2023 - September 2027

- **Research area:** Application of Large language models (LLM) in Business

The University of Sydney, Business School

Bachelor of Commerce (Honours) - *Professional Accounting & Business Analytics Honours*

Sydney, Australia

March 2018 - December 2021

- **Related Coursework:** Advanced Machine Learning; Econometrics; Auditing; Information system for accountants
- **Scholarship:** Vice Chancellor's Global Mobility Scholarship

Harvard University, Business School

International business (Summer School)

Cambridge, USA

July 2019 - August 2019

- **Project:** Designed the complete supply chain and the information system for a start-up company, GoBout. Provided the market entry strategies, the product launching methods, and designed the cyber security risk assessment process for their ERP system

PUBLICATIONS

- Li, X., Dong, J., & Wong, R. (2025). X Li, J Dong, R Wong. (2025). From Surface to Semantics: Semantic Structure Parsing for Table-Centric Document Analysis. In ECAI 2025 (pp. 3234 - 3241). IOS Press.
- Yu, S., Li, X., & Choy, S. B. (2023). A new inverse extended Weibull distribution for modelling insurance loss data. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 31(supp02), 307-322.

WORK EXPERIENCE

UNSW

Research Assistant, Business School

Sydney, Australia

June 2024 - Present

- Automatic annual report analysis with LLMs.
- Employee tenure and career path prediction with machine learning techniques such as neural networks and Markov chain.

Academic Tutor

October 2023 - Present

- Tutor for COMP6714 Information Retrieval and Web Search; COMM5007 Coding for Business.

USYD

Academic Tutor, Business School

Sydney, Australia

October 2023 - Present

- Tutor for QBUS5001 Foundation in Data Analysis for Business; BUSS6002 Data Science in Business.

Lapam Capital

Intern in Medical Group, Venture Capital Department

Beijing, China

July 2022 - February 2023

- Evaluated biotechnology companies' core technologies and translated technical findings into investment insights, helping the team assess feasibility, scalability, and commercial potential.

The University of Sydney Finance Team

Finance officer

Sydney, Australia

July 2019 - December 2020

- Supported the deployment of a cloud-based procurement system, contributing to improved data privacy, smoother procurement workflows, and greater operational efficiency.

PricewaterhouseCoopers (PwC)

Auditing Internship

Beijing, China

December 2018 - February 2019

- Conducted audit procedures including internal control testing, cyber risk assessment, and financial verification, helping improve audit reliability and risk identification for enterprise clients.

SELECTED PROJECTS

Study of Bayesian Robustness in A/B Testing in E-Commerce

Honours Thesis, Advisor: Boris Choy (Associate Professor)

Sydney, Australia

March 2021 - December 2021

- Developed and evaluated 15 hierarchical Bayesian models in Python with fat-tailed distribution, and identified the most robust model across simulated and empirical experiments

Neural network and NLP machine learning project

Individual (Rank the 1st in the cohort)

Sydney, Australia

October 2021 - December 2021

- Build RNN and LSTM models using python programming to classify news articles into different categories. The final report received the highest mark in the cohort

ADDITIONAL INFORMATION

- Language: English (IELTS: 7.0/9.0); Chinese (native)
- Computer Skills: Mastered office suite, Python, Tableau, Power BI; ACCA foundational Level 9