Xuan (Winny) Li

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EDUCATION

The University of New South Wales — **Sydney, Australia**
PhD candidate - *Computer science* — *September 2023 - September 2026*
- **Research area:** Application of Large language models (LLM) in Business

The University of Sydney, Business School — **Sydney, Australia**
Bachelor of Commerce (Honours) - *Professional Accounting & Business Analytics Honours* — *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 — **Cambridge, USA**
International business (Summer School) — *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

- Shilin Yu, **Xuan Li**, Boris Choy, "A New Inverse Extended Weibull Distribution for Modelling Insurance Loss Data", IJUFKS-D-22-00113, Vol. 31, No. Supp02, pp. 307-322 (2023)

WORK & PROJECT EXPERIENCE

UNSW — **Sydney, Australia**
Research assistant, Business School — *June 2024 - Present*
- Use LLM techniques to achieve automatic annual report analysis

UNSW — **Sydney, Australia**
Research assistant, Business School — *October 2023 - October 2024*
- Analysed more than 5000 employees' historical records to predict employee tenure and career path. Applied machine learning techniques such as neural networks and classification tree

Lapam Capital — **Beijing, China**
Intern in Medical Group, Venture Capital Department — *July 2022 – February 2023*
- Conducted industry research for dentistry, participated in the acquisition conference and expert interviews, wrote memos, and processed administrative affairs, selected about ten leading companies in different sub-sectors for further investment

Grant'd [Consulting project] — **Sydney, Australia**
Team leader — *August 2020 - September 2020*
- Led a team of 4 to provide new market entry strategies for a grant application coaching company. Completed in-depth market research and came up with a thirty pages report summarising findings and strategies, which is recognised by client

Addsum Accountants Pty Ltd — **Sydney, Australia**
Auditing Intern — *December 2019 - April 2020*
- Assisted five audit projects and participated in the internal control investigation and risk assessment of companies' system security. Prepared the financial statements and documented the audit report with substantive analytical procedures

The University of Sydney Finance Team — **Sydney, Australia**
Finance officer — *July 2019 - December 2019*
- Participated in a project to launch a new cloud-based procurement system to improve the privacy-preservation and the system efficiency. Analysed and summarized historical feedbacks and reported to the IT department to assist the system development
- Conducted consistent interaction with vendors and clients, where I efficiently engaged with business cycles and obtained strong communication skill and problem-solving skill

PricewaterhouseCoopers — **Beijing, China**
Auditing Internship — *December 2018 - February 2019*
- Engaged with the audit evidencing process for the largest construction company in China with a team of twelve. Participated in the internal control test, the cyber risk assessment procedure and the vouching process
- Checked more than 30 companies' major financial statements and critically corrected all the mistakes

SELECTED PROJECTS

Study of Bayesian Robustness in A/B Testing in E-Commerce — **Sydney, Australia**
Honours Thesis, Advisor: Boris Choy (Associate Professor) — *March 2021 - December 2021*

- Conducted comprehensive literature review, and incorporated three fat-tailed distributions into the traditional Bayesian Monte Carlo algorithm based on the existing algorithmic framework
- Independently designed and implemented 15 novel Bayesian hierarchical A/B testing models using Python, and obtained the most robust model in all datasets after 6 simulated experiments and 2 empirical experiments
- Complied the final report and gained the opportunities to join in the A/B Testing research group

Neural network and NLP machine learning project   **Sydney, Australia**
Individual (Rank the 1ˢᵗ in the cohort)   *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

Case competition – A2B Taxi booking cancellation prediction   **Sydney, Australia**
Group Winner (Rank the 1ˢᵗ in the cohort)   *August 2020 - December 2020*

- Built machine learning classification models using python to predict taxi booking cancellations with an accuracy of 96%

Case competition – House Price prediction   **Sydney, Australia**
Individual (3%)   *April 2020*

- Built machine learning models to predict house price with given data, the predictive accuracy ranked top 3% in the cohort

World without Borders (WWB)   **Chiang Mai, Thailand**
Volunteer English Teacher   *July 2018*

- Successfully collaborated with the local team to teach 20 middle school students with basic English conversations

ADDITIONAL INFORMATION

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