

## Yuhan Wu

Phone: +65 87315799 Email: e1519914@u.nus.edu

### EDUCATION

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| <b>National University of Singapore</b><br><i>PhD in the Department of Analytics and Operations</i>                                               | <b>Singapore</b><br>Aug 2026 – Present   |
| <b>National University of Singapore</b><br><i>Master in Business Analytics</i>                                                                    | <b>Singapore</b><br>Jul 2025 – Aug 2026  |
| <b>University College London</b><br><i>Bachelor of Science, Information Management for Business</i><br>• GPA: 3.72/4 (First Class Honors; Top 5%) | <b>London, UK</b><br>Sep 2022 – Jun 2025 |
| <b>Singapore Management University, Exchange Student</b><br><i>Subject: Quant Finance; Data Management</i>                                        | <b>Singapore</b><br>Jul 2025 – Aug 2025  |
| <b>Keiser University, Summer online program</b><br><i>Subject: Calculus</i>                                                                       | <b>FL, US</b><br>Jul 2024 – Aug 2024     |

### RESEARCH EXPERIENCE

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| <b>DeFi Money LEGOs Exploration</b><br><i>Research Assistant</i>                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>National Univ of Singapore</b><br>Nov 2025 – Feb 2026              |
| <b>Supervisor: Yan Pang</b> <ul style="list-style-type: none"><li>Studying core DeFi “Money LEGO” protocols (MakerDAO, Compound, Uniswap) and their composability.</li><li>Exploring how DeFi services packaged as MCP servers can interact with Agentic AI systems.</li><li>Investing the feasibility of assembling existing DeFi primitives into a simple “DeFi + AI” prototype concept.</li></ul>                                                                                                 |                                                                       |
| <b>An LLM-Enhanced Graph Convolutional Approach for Friend Recommendation</b><br><i>Research Assistant</i>                                                                                                                                                                                                                                                                                                                                                                                           | <b>Hefei Univ of Technology</b><br>Jan 2024 - Jul 2024                |
| <b>Supervisor: Jianshan Sun</b> <ul style="list-style-type: none"><li>Preprocessed a social network dataset using Python and NetworkX.</li><li>Utilized LIWC to extract linguistic features from users’ social media posts.</li><li>Designed prompt templates and then employed LLaMA-3 to infer Big Five personality traits from social media post.</li></ul>                                                                                                                                       |                                                                       |
| <b>Review of Artificial Intelligence-driven green innovation in the Heavy industry</b><br><i>Research Assistant</i>                                                                                                                                                                                                                                                                                                                                                                                  | <b>Univ of Science and Technology of China</b><br>Jun 2024 – Oct 2024 |
| <b>Supervisor: Xiaobao Peng</b> <ul style="list-style-type: none"><li>Searched literature from Web of Science, focusing on AI, industrial processes, and sustainability.</li><li>Performed PCA to identify frequently mentioned concepts related to AI, green innovation, and sustainability.</li><li>Utilized clustering techniques to categorize literature into themes.</li></ul>                                                                                                                 |                                                                       |
| <b>Trust Repair Strategies in E-commerce</b><br><i>Theses Study</i>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>University College London</b><br>Jun 2024 – Oct 2024               |
| <b>Supervisor: Tom Taiyi Yan</b> <ul style="list-style-type: none"><li>Designed a 2 × 2 scenario-based experiment testing apology vs. economic compensation under competence- and integrity-based trust violations.</li><li>Validated four-factor structure of perceived competence, integrity, benevolence, and trust via CFA with strong reliability.</li><li>Conducted ANOVA and t-tests, identifying interaction patterns with implications for consumer trust and purchase intention.</li></ul> |                                                                       |

### RESEARCH PUBLICATIONS

- Li, Dongyang and Wu, Yuhan. “Disentangling the Factors Driving Friendship Formation: An LLM-Enhanced Graph Convolutional Approach for Friend Recommendation.” Proceedings of the Hawaii International Conference on System Sciences (HICSS), 2025.
- Wu, Yuhan. “A Brief Discussion on Rural China.” [Perspective on "Rural China"], published 2021.

### AWARDS

- Runner Up, ESG Business Case Competition, UCL Business Negotiation Society & CSSA Department, April, 2024.
- First class honors graduates, University College London, June, 2025.
- Selected as a UCL student representative to receive a full-tuition studentship for the SMU Summer Programme, June, 2025.

### WORKING EXPERIENCE

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| <b>OCBC</b><br><i>Audit Analytics</i>                                                                                                                                                                                               | <b>Singapore</b><br>Apr 2026 – Present |
| <ul style="list-style-type: none"><li>Designed a relationship-first graph architecture for financial crime investigation.</li><li>Built scalable graph data pipelines and reusable relationship models from banking data.</li></ul> |                                        |

- Benchmarked Pandas and PySpark for scalable graph processing and supported graph dashboard development.

#### **RSM China**

**Shanghai, China**

*Audit Assistant*

*Jun 2024 – Aug 2024*

- Streamed reporting efficiency with Excel automation.
- Audited funding transactions of 50+ shareholder totaling over 20M RMB, Processed 300+ financial vouchers, verified 100+ sales and inventory records, resolving 15 discrepancies, analyzed 100 lending records totaling 300M RMB.

#### **Anhui Deji Automobile Inspection Centre Co., Ltd.**

**Hefei, China**

*Market Research Analyst*

*Dec 2023 – Feb 2024*

- Improved competitive strategy in Shandong, raising market share by 5%.
- Secured Dutch Ministry of Transport certification for EU-compliant testing services, driving 12% new client growth.
- Published market reports on vehicle testing, achieving over 500 reads.

#### **China Merchants Bank, Hefei Branch**

**Hefei, China**

*IT Specialist*

*Aug 2023 – Sep 2023*

- Audited and anonymized sensitive data, eliminating 100+ potential data breach risks.
- Built an internal website with risk alerts, training materials, and an honor wall.
- Developed new UI features for the bank's internal platform, improving usability.

### **EXTRACURRICULAR ACTIVITIES**

#### **National University of Singapore Business Analysis Club**

**Singapore**

*Club Leader*

*Aug 2025 – Aug 2026*

- Hosted 5+ events with 200+ participants each.
- Built partnerships with faculty and industry, launching 3 joint initiatives.
- Boosted engagement by 30% through feedback-driven events and mentoring junior leaders.

#### **UCL Data Science Society**

**London, UK**

*Member*

*Oct 2023 – May 2024*

- Participated in Python workshops on data analysis and machine learning.
- Participated in a 24-hour hackathon, developing a loan-default prediction model that won 5th place.

#### **Hefei No. 10 High School Debating Society**

**Hefei, China**

*President*

*Oct 2020 – Nov 2021*

- Organized over 10 debate competitions during the tenure.
- Recruited over 100 new members.

### **SKILLS & INTERESTS**

- **Technical Skills:** Python, Jupyter Notebook, Trello, SPSS, Tableau, MySQL, Power BI,
- **Languages:** Mandarin (Native), English (Proficient)
- **Interests:** Dancing, Photography, Debate, Playing the Guitar