

JINGWEN LU (SHE/HER)

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PROFILE

- **Data Scientist & Social Science Researcher** with an interest in Applied Psychology, UX, Human-Computer Interaction (HCI).
- **Skills:** Research Design, Quantitative Methods & Data Analysis (Statistics, Machine Learning, Natural Language Processing, Social Network Analysis), Data Visualization, Participant Recruitment, Leadership, Innovation, Writing and Communication.
- **Technical:** Python, Microsoft O365 Suite – Word, Excel, PowerPoint, R, SPSS (proficient); MATLAB, SQL (competent).

EDUCATION

University of Chicago | Chicago, Illinois, USA

MA in Computational Social Science, Expected Graduation: June 2027

Zhejiang University (ZJU) | Zhejiang, China

MA in Linguistics (focus on Psycholinguistics), August 2025

BA in English; Concentration: Linguistics; Minor: Psychology, June 2023

University of Oxford | Oxford, UK

Exchange Student, February 2022

PROFESSIONAL EXPERIENCE

Data Analyst Intern | China Unicom | Winter 2021 & Winter 2022

- Analyzed and consolidated large-scale datasets. Trimmed and analyzed data from questionnaires and A/B tests.
- Streamlined reporting workflows in Excel through advanced functions and pivot tables, improving data processing efficiency.
- Applied SQL queries to extract and structure promotional data, enhancing accuracy and accessibility for project performance.

RESEARCH & TEACHING EXPERIENCE

Research Assistant | Experimental Designing & Programming Project | LPD Lab | September 2022 – August 2025

- Designed / conducted experiments in Python; Implemented behavioral tasks to measure attention and Working memory; Identified statistically significant links between intensive language training and enhanced executive functions through A/B tests.
- Authored journal quality manuscript awarded Outstanding Thesis.

Project Manager & Author | Corpus-Based Natural Language Processing Project | March 2025 - June 2025

- Identified and analyzed 9 respelling devices commonly used in Textese using Natural Language Processing & Machine Learning.
- Presented findings at the 4th Conference on Biolinguistics and Language Acquisition.

Project Leader | Human Computer/AI Interaction & Online Survey Design Project | VCB Lab | August 2023 – June 2024

- Conducted cross-sectional empirical study on reaction time (RT), screening questions, and eye-tracking in online surveys.
- Compared AI generated questionnaires with traditional questionnaires on their validity and credibility.
- Awarded National Third Prize and Regional First Prize

Lecturer (Short-term) | Zhejiang University | April 2023 – June 2023

- Delivered credit-bearing course “English Improvement.” Designed lesson plans, developed course materials, and led lectures.
- Analyzed data and corpus-based resources to identify high-frequency words and language patterns to enhance teaching.

Project Leader | Machine Learning Project | Centre for the Study of Language and Cognition | March 2022 – May 2023

- Built learner corpus through transcription, translation, and double-blind rating; Constructed a parallel corpus integrating ratings.
- Assisted in designing a supervised-learning-based evaluation algorithm, successfully validating the model’s effectiveness.
- Funded by ZJU Student Research Training Program (¥7000, Merit Award).

Project Vice-Leader | Mathematical Modeling Project | Department of Psychology and Behavioral Sciences | February 2020

- Built models using Logistic Model, Game Theory, and experimental data from public databases.
- Identified steady-state relationships and dynamic fluctuations; Applied MATLAB for visualization and Python for data analysis.
- Designated as *Honorable Mention* in 2021 Mathematical Contest in Modeling.

SELECTED LEADERSHIP EXPERIENCE

Vice Leader, Chief Percussionist | ZJU Wenqing Orchestra | 2020 – 2025

Class Leader | ZJU Class English 1901 & Class Linguistics 2023 | 2019 – 2024

SELECTED HONORS

Rhodes Scholar Finalist (National Top 14), Oxford University, 2025

Outstanding Student Leader Prize, Hangyue, 2024

Outstanding Student, ZJU, 2020, 2021, 2022 & 2024

Outstanding Undergraduate (Top 5%), Zhejiang Provincial, 2023

National Third Prize, National Psychological & Behavioral Experiment Competition, 2023

National Second Runner-up (National Grand Prize), FLTRP English Writing Contest, 2022

Honorable Mention, The Mathematical Contest in Modeling, 2021

National Second Runner-up (National Grand Prize), FLTRP English Public Speaking Contest, 2021

National Grand Prize & Best Debater, Shanghai International Debate Tournament, 2020