

EDUCATION EXPERIENCE

- **University of Cambridge**
MPhil in Data Intensive Science Oct 2025 - Jul 2026
 - Department of Applied Mathematics and Theoretical Physics
- **Nankai University**
B.S. in Actuarial Science (minor in Mathematics) Sep 2017 - Jun 2021
 - Graduated with *Highest Honors* and *Highest Honor in Thesis* (Ranked 1st out of 92)

JOURNAL PUBLICATIONS &. CONFERENCE

- Distributionally Robust Multimodal Machine Learning. 2025. *Peilin Yang, Yu Ma. NeurIPS 2025 Workshop (ML×OR)* [\[link\]](#)
- Interprofessional Teamwork Reduces Medical Errors and Burnout: A Multicenter Field Experiment. 2025. *Lambert Zixin Li, Yue Jia, Peilin Yang, Geoffrey Cohen. Academy of Management Proceedings* [\[link\]](#)
- Nurse Burnout and Patient Safety, Satisfaction, and Quality of Care: A Meta-Analysis. 2024. *Lambert Zixin Li, Peilin Yang (co-first and corresponding author), Sara J. Singer, Jeffrey Pfeffer, Maya Mathur, Tait Shanafelt. JAMA Network Open* [\[link\]](#)
- Artificial Intelligence for Neurodiversity, with Lambert Zixin Li, *The British Medical Journal*, 386, 2024. [\[link\]](#) (Commentary)
- Numerical solution and parameter estimation for uncertain SIR model with application to COVID-19 pandemic. with Xiaowei Chen, Jing Li, Chen Xiao. 2020. *Fuzzy Optimization and Decision Making*. [\[link\]](#) (Alphabetical order)

DRAFTS

- Conformal Causal Inference for Network Intervention: Evidence from Field Experiments. 2024. *Presented at 2024 Stanford Data Science Conference. #RCT: AEARCTR-0010137* [\[link\]](#)

PROFESSIONAL EXPERIENCE

- **Barcelona School of Economics** Barcelona
Data Science Analyst Sep 2023 - Jun 2025
 - Researched the economic impact of AI through predictive modeling of labor market dynamics and disease classification for health policy.
 - Develop multimodal machine learning models for disease prediction and classification.
 - Developed statistical and numerical models—including approximate optimal control and reinforcement learning—to analyze business cycles and assess the impact of interest rates on insurance products.
- **Stanford University, GSB** Stanford, CA
Research Fellow Jun 2021 - Aug 2023
 - Conducted quantitative research on trading patterns and liquidity dynamics, identifying key risk factors for high-frequency trading strategies.
 - Utilized OCR and NLP tools to extract information from historical data and analyze the causes of past financial crises.
 - Conducted field experiments using microfinance tools in developing countries to promote technological development and reduce financial frictions.

PRESENTATIONS AND CONFERENCES

- Data Science Conference**, Stanford University 2024
- Operations Research Society of China**, Tsinghua University 2021, 2020, 2019
- Summer Seminars of Computation and Economics**, Shanghai University of Finance and Economics 2019

REFeree RECORDS

Scientific Reports; Knowledge and Information Systems (×2); The Journal of Supercomputing; Mathematics and Systems Science; Trends in Immunotherapy; Current Artificial Intelligence; Environment and Social Psychology; Frontiers in Psychiatry (×4); World Journal of Critical Care Medicine; Risk Sciences; Journal of Hospital Management and Health Policy; JMIR Formative Research; Food Science and Human Wellness; Journal of AppliedMath; Frontiers in Nutrition; International Conference on Artificial Intelligence, Computer, Data Sciences; Frontiers in Psychology; PLOS Mental Health; Frontiers in Public Health (×2)