

Jiawei Ge

BASIC INFORMATION

Address: 222-Sherrerd Hall, Charlton Street, Princeton, NJ 08544

Mobile Phone: +1 609-933-7624

Email: jg5300@princeton.edu

Homepage: <https://jiaweige0416.github.io/>

Google Scholar: <https://scholar.google.com/citations?user=480drckAAAAJ&hl=en>

EDUCATION

School of Mathematics, Fudan University, China

Sep 2017 - Jul 2021

B.S. in Applied Mathematics (graduated with high distinction)

School of Mathematics, NC State University, United States

Jan 2020 - May 2020

Exchange student for one semester

Operations Research and Financial Engineering, Princeton University, United States

Sep 2021 - Present

Ph.D. in Operations Research and Financial Engineering

Advisors: Jianqing Fan and Chi Jin

RESEARCH AND PUBLICATIONS

- On the Provable Advantage of Unsupervised Pretraining
Jiawei Ge*, Shange Tang*, Jianqing Fan, Chi Jin (*=equal contribution)
ICLR 2024 Spotlight paper
- UTOPIA: Universally Trainable Optimal Prediction Intervals Aggregation
Jianqing Fan, **Jiawei Ge**, Debarghya Mukherjee (alphabetical order)
JOE under review
- Maximum Likelihood Estimation is All You Need for Well-Specified Covariate Shift
Jiawei Ge*, Shange Tang*, Jianqing Fan, Cong Ma, Chi Jin (*=equal contribution)
ICLR 2024
- Optimal Aggregation of Prediction Intervals under Unsupervised Domain Shift
Jiawei Ge*, Debarghya Mukherjee*, Jianqing Fan (*=equal contribution)
NeurIPS 2024
- Securing Equal Share: A Principled Approach for Learning Multiplayer Symmetric Games
Jiawei Ge*, Yuanhao Wang*, Wenzhe Li, Chi Jin (*=equal contribution)
ICML 2025
- Community Detection with Covariates Adjustments
Jianqing Fan, **Jiawei Ge**, Jikai Hou (alphabetical order)
AOS under review
- MATH-Perturb: Benchmarking LLMs' Math Reasoning Abilities against Hard Perturbations
Kaixuan Huang, Jiacheng Guo, Zihao Li, Xiang Ji, **Jiawei Ge**, Wenzhe Li, Yingqing Guo, Tianle Cai, Hui Yuan, Runzhe Wang, Yue Wu, Ming Yin, Shange Tang, Yangsibo Huang, Chi Jin, Xinyun Chen, Chiyuan Zhang, Mengdi Wang
ICML 2025

TEACHING EXPERIENCES

Fundamentals of Statistics

Sep 2022 – Jan 2023

Position: Assistant-In-Instruction

Instructors: Sohom Bhattacharya and Debarghya Mukherjee

Optimization

Feb 2023 – May 2023

Position: Assistant-In-Instruction

Instructors: Bartolomeo Stellato

Theoretical Machine Learning

Sep 2023 – Jan 2024

Position: Assistant-In-Instruction

Instructors: Chi Jin

Fundamentals of Statistics

Feb 2024 – May 2024

Position: Assistant-In-Instruction

Instructors: Daniel Rigobon

AWARDS

- National Scholarship (**most prestigious scholarship for Chinese undergraduates**) 2018
- Scholarship for Excellent Academic Performances 2018&2019
- Outstanding Student 2018&2019&2020
- SEAS Travel Grant Award 2024
- ICLR 2024 Travel Grant Award 2024
- School of Engineering and Applied Science Award for Excellence 2024
- The Bede Liu Fund for Excellence 2024

INVITED TALKS

- “On the Provable Advantage of Unsupervised Pretraining”, Fudan CS Seminar, Jun 2024.