

JINGTONG SU

60 5th Ave, NY, USA
(+1) 917-655-9736 ◊ js12196@nyu.edu

EDUCATION

New York University (NYU)

Sep 2021 - present

Ph.D. in Data Science, Center for Data Science.

Advisor: Professor Julia Kempe.

Peking University (PKU)

Sep 2017 - Jul 2021

B.S. in Data Science and Big Data Technology, Yuanpei College.

RESEARCH INTERESTS

Foundation Model Reliability (Robustness, Safety, and Interpretability); Agents.

EXPERIENCE

Fundamental AI Research (FAIR), Meta

Visiting Researcher

Sep 2023 - Sep 2025

Mentor: Doctor Karen Ullrich.

School of Electronics Engineering and Computer Science, Peking University

Undergraduate Research Student

Nov 2020 - Jun 2021

Advisor: Professor Yisen Wang.

Department of Electrical and Computer Engineering, Princeton University

Research Assistant, International Student Internship Program

Mar 2020 - Sep 2020

Host: Professor Jason D. Lee.

PUBLICATIONS

- **Jingtong Su**, Jianyu Zhang, Karen Ullrich, Léon Bottou, and Mark Ibrahim. *A single character can make or break your LLM evals.* arXiv:2510.05152.
- Karen Ullrich*, **Jingtong Su***, Claudia Shi, Arjun Subramonian, Amir Bar, Ivan Evtimov, Nikolaos Tsilivis, Randall Balestrieri, Julia Kempe, and Mark Ibrahim*. *OpenApps: Simulating Environment Variations to Measure UI-Agent Reliability.* ICLR 2026.
- **Jingtong Su**, Julia Kempe, and Karen Ullrich. *From Concepts to Components: Concept-Agnostic Attention Module Discovery in Transformers.* ICLR 2026.
- Daniel Severo, **Jingtong Su**, Anji Liu, Jeff Johnson, Brian Karrer, Guy Van den Broeck, Matthew J. Muckley, and Karen Ullrich. *Enhancing and Evaluating Probabilistic Circuits for High-Resolution Lossless Image Compression.* Data Compression Conference, 2025.
- **Jingtong Su**, Julia Kempe, and Karen Ullrich. *Mission Impossible: A Statistical Perspective on Jailbreaking LLMs.* NeurIPS, 2024.

- **Jingtong Su**, Ya Shi Zhang, Nikolaos Tsilivis, and Julia Kempe. *On the Robustness of Neural Collapse and the Neural Collapse of Robustness*. TMLR, 2024.
- Shiji Xin, Yifei Wang, **Jingtong Su**, and Yisen Wang. *On the Connection between Invariant Learning and Adversarial Training for Out-of-Distribution Generalization*. AAAI, 2023 (Oral).
- **Jingtong Su** and Julia Kempe. *Wavelets beat Monkeys at Adversarial Robustness*. NeurIPS Workshop on Machine Learning and the Physical Sciences, 2022.
- **Jingtong Su**, Julia Kempe, Drummond Fielding, Nikolaos Tsilivis, Miles Cranmer, and Shirley Ho. *Adversarial Noise Injection for Learned Turbulence Simulations*. NeurIPS Workshop on Machine Learning and the Physical Sciences, 2022.
- Nikolaos Tsilivis, **Jingtong Su**, and Julia Kempe. *Can We Achieve Robustness From Data Alone?* ICML Workshop on New Frontiers in Adversarial Machine Learning, 2022.
- **Jingtong Su***, Yihang Chen*, Tianle Cai*, Tianhao Wu, Ruiqi Gao, Liwei Wang, and Jason D. Lee. *Sanity-Checking Pruning Methods: Random Tickets can Win the Jackpot*. NeurIPS, 2020.

TEACHING

TA for *Interpretability and Causality of Language Models*. Instructor: Shauli Ravfogel. *Spring 2025*

SERVICE

- **Reviewer** for ICML, ICLR, NeurIPS, AISTATS, TMLR.
- **Undergraduate research mentor** of Ya Shi Zhang (NYU Courant). *2022 - 2023*

HONORS AND AWARDS

- **Outstanding Graduate in Beijing, Top 5%** *2021*
- **Merit Student** *2020, 2018*
- **Merit Student Pacesetter, Top 2%** *2019*
- **PKU 3rd-class Scholarship** *2020, 2019*
- **May 4th Scholarship** *2018*
- **Chinese Physics Olympiad, Gold Medal** *2016*

ACTIVITIES

Data Science and Big Data Technology Association@Yuanpei College, Peking University
Vice-President/President *2018-2019/2019-2020*

- Led the reform and developed the most comprehensive undergraduate curriculum in data science.
- Led the development of a mentor-mentee system to help introduce undergrad students to relevant research and internship experiences.

Academic Planning Department@Yuanpei College, Peking University
Minister *2018-2019*

- Initiated the undergraduate research interview program and the outstanding graduate interview program. Organized standardized test preparation sharing sessions for all students in PKU.