

# JINGTONG SU

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## EDUCATION

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**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

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

## EXPERIENCE

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**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

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- **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

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

## SERVICE

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

## HONORS AND AWARDS

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- **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

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**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.