

JINGTONG SU

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EDUCATION

New York University (NYU) Ph.D. in Data Science, Center for Data Science. Advisor: Professor Julia Kempe	<i>Sep 2021 - Jun 2026 (expected)</i>
Peking University (PKU) B.S. in Data Science and Big Data Technology, Yuanpei College. Overall GPA : 3.73/4.0 (Ranking : 3/32) Selected Courses : Deep Learning : Algorithm and Application (Graduate Level) (3.91), Machine Learning (Graduate Level) (3.95), Probability Theory (3.95), High-Dimensional Probability (3.93), Game Theory (3.93)	<i>Sep 2017 - Jul 2021</i>

RESEARCH INTERESTS

ML Theory	Designing Algorithms based on Theoretical Insights and Empirical Observation
ML Applications in Sciences	ML+Physics/Finance

RESEARCH EXPERIENCE

International Student Internship Program@Princeton <i>Research Assistant. Advisor: Professor Jason D. Lee</i>	<i>Mar 2020 - Sep 2020</i>
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- Studied network pruning. Experimentally revealed factors that decide the performance of a pruned subnetwork. Designed a new data-independent pruning algorithm without any training as a simple baseline and a by-product.

Undergraduate Thesis@PKU <i>Undergraduate Research Student. Advisor: Professor Yisen Wang</i>	<i>Nov 2020 - Jun 2021</i>
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- Studied OOD generalization. Interpreted IRMv1 as a poorly solved Adversarial Training. Gave a simple proposition on the disability of AT on OOD generalization.
- Was awarded the Excellent Undergraduate Thesis at School of Electronics Engineering and Computer Science.

PUBLICATIONS/MANUSCRIPTS

- **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.

HONORS AND AWARDS

- **Outstanding Graduate in Beijing, Top 5%** *2021*
- **Merit Student (Individual Annual Honor, Top 5%)** *2020, 2018*
- **Merit Student Pacesetter (The Highest Individual Annual Honor, Top 6)** *2019*
- **PKU 3rd-class Scholarship (Annual Scholarship, Top 5%)** *2020, 2019*
- **May 4th Scholarship (Annual Scholarship, Top 5%)** *2018*

- Chinese Physics Olympiad, Gold Medal (Ranking: #74 / 100,000+ Participants) 2016

ACTIVITIES

Data Science and Big Data Technology Association@Yuanpei College

Vice-President/President

2018-2019/2019-2020

- Led the reform of the undergraduate training program in data science, producing the clearest and most complete training program to date.
- Led the development of a grade level adaptation plan for Data Science to help introduce younger students to relevant experiences. Helped establish a mentor-mentee system for the data science discipline.

Academic Planning Department@Yuanpei College

Minister

2018-2019

- Initiated the Interview Program for Research and the Excellent Graduate Interview Program, organized English test preparation experience sharing sessions for all students in PKU. Organized several online study groups for students to participate in.
- Within one year, about 40 interview drafts were published.

STANDARDIZED TEST GRADES

- TOEFL : 108 (S24)
- GRE : V157 (75%) + Q169 (94%) + AW4.5 (80%)