Jialin Zhao

Department of Computer Science and Technology, Tsinghua University, Beijing, China

Phone: +86-18813118900   Mail: jialin.zhao97@gmail.com   Website: abcbdf.github.io

---

EDUCATION

Ph.D.
Department of Computer Science and Technology, Tsinghua University, advised by Professor Carlo V. Cannistraci   2023 - 2027 (expected)

Master
Data Science Dual Degree, University of Washington and Tsinghua University, advised by Professor Jie Tang   2019 - 2021

Bachelor
Bachelor of Computer Science and Technology, Tsinghua University   2015 - 2019

EXPERIENCE

Work
Senior Research Engineer in Personalization in Disney+ Hotstar   2021.7 - 2023.7

Internship
Trading Intern in Jane Street   2019.7 - 2019.9
Research Intern in Microsoft Research Lab - Asia   2019,1 - 2019,4

AWARDS

Top performer in Disney+ Hotstar,   2022
Gold medal (National Ranking 65th), Chinese Mathematical Olympiad,   2013

PUBLICATION

(ˆ: corresponding author)

First Author
Pivoting Factorization: A Compact Meta Low-Rank Representation of Sparsity for Efficient Inference in Large Language Models
Jialin Zhaoˆ, Yingtao Zhang, and Carlo Vittorio Cannistraciˆ
*Forty-second International Conference on Machine Learning (**ICML**), 2025*

Sparse Spectral Training and Inference on Euclidean and Hyperbolic Neural Networks
Jialin Zhaoˆ, Yingtao Zhang, Xinghang Li, Huaping Liu, and Carlo Vittorio Cannistraciˆ
*Forty-second International Conference on Machine Learning (**ICML**), 2025*

Adaptive Diffusion in Graph Neural Networks
Jialin Zhao, Yuxiao Dong, Ming Ding, Evgeny Kharlamov, Jie Tangˆ
*Advances in neural information processing systems (**NeurIPS**), 2021*

Others
Plug-and-Play: An Efficient Post-training Pruning Method for Large Language Models
Yingtao Zhangˆ, Haoli Bai, Haokun Lin, **Jialin Zhao**, Lu Hou, and Carlo Vittorio Cannistraciˆ
*The Twelfth International Conference on Learning Representations (**ICLR**), 2024*

Epitopological learning and Cannistraci-Hebb network shape intelligence brain-Inspired theory for ultra-sparse advantage in deep learning

Yingtao Zhang, **Jialin Zhao**, Wenjing Wu, Alessandro Muscoloni, and Carlo Vittorio Cannistraci^

*The Twelfth International Conference on Learning Representations (**ICLR**), 2024*

SKILLS	C/C++, Java, Kotlin, Python, TypeScript, Triton, Pytorch, Tensorflow, Matlab