

Pingzhi Li

Email: pingzhi@cs.unc.edu

Website: pingzhili.github.io

Scholar: 

Education

The University of North Carolina at Chapel Hill

NC, US

Ph.D. in Computer Science

Sep. 2024 – Jun. 2028

University of Science and Technology of China

Hefei, China

Bachelor of Engineering in Computer Science

Sep. 2019 – Jul. 2023

Publications

(* Equal Contribution) (^ Equal Supervision)

Advancing MoE Efficiency: A Collaboration-Constrained Routing (C2R) Strategy for Better Expert Parallelism Design

Mohan Zhang*, **Pingzhi Li***, Jie Peng, Mufan Qiu, Tianlong Chen

Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL), 2025

[\[Code\]](#) [\[PDF\]](#)

PortLLM: Personalizing Evolving Large Language Models with Training-Free and Portable Model Patches

Rana Shahroz, **Pingzhi Li***, Sukwon Yun*, Zhenyu Wang, Shahriar Nirjon, Chau-Wai Wong, Tianlong Chen

International Conference on Learning Representations (ICLR), 2025

[\[Code\]](#) [\[PDF\]](#)

Model-GLUE: Democratized LLM Scaling for A Large Model Zoo in the Wild

Pingzhi Li*, Xinyu Zhao*, Guoheng Sun*, Ruisi Cai*, Yukun Zhou*, Peihao Wang*, Bowen Tan, Yexiao He, Li Chen, Yi Liang, Beidi Chen, Binhang Yuan, Hongyi Wang^, Ang Li^, Zhangyang Wang^, Tianlong Chen^

Conference on Neural Information Processing Systems (NeurIPS) Datasets and Benchmarks Track, 2024

[\[Code\]](#) [\[PDF\]](#)

Revisiting Zeroth-Order Optimization for Memory-Efficient LLM Fine-Tuning: A Benchmark

Pingzhi Li*, Yihua Zhang*, Junyuan Hong*, Jiayang Li*, Yimeng Zhang, Wenqing Zheng, Pin-Yu Chen, Jason D. Lee, Wotao Yin, Mingyi Hong, Zhangyang Wang, Si-jia Liu, Tianlong Chen

International Conference on Machine Learning (ICML), 2024

[\[Code\]](#) [\[PDF\]](#)

Merge, Then Compress: Demystify Efficient SMOE with Hints from Its Routing Policy

Pingzhi Li, Zhenyu Zhang, Prateek Yadav, Yi-Lin Sung, Yu Cheng, Mohit Bansal, Tianlong Chen

International Conference on Learning Representations (ICLR), 2024 (Spotlight)

[\[Code\]](#) [\[PDF\]](#)

Experience

The University of North Carolina at Chapel Hill

Remote

Research Intern

June 2023 – June 2024

Advisor: Prof. Tianlong Chen

University of Science and Technology of China

Hefei, China

Teaching Assistant

September 2022 – January 2023

Undergrad course - CS1001A Computer Programming A (C Language)

University of Science and Technology of China

Hefei, China

Undergrad Intern

July 2021

Advisor: Prof. Qi Liu, Prof. Enhong Chen

Honors & Awards

1st Place of ACM/IEEE Quantum Computing for Drug Discovery Challenge November, 2023

Outstanding Graduates Scholarship, USTC

June, 2023

Silver Medal in Kaggle Feedback Prize - Evaluating Student Writing

March, 2022

Outstanding Student Scholarship, USTC

November, 2020/21/22

Services

Reviewer: NeurIPS (2024), ICLR (2025), CVPR (2025)

Tutorial: [ICML 2024 MoE Tutorial](#)

Skills

Languages: Mandarin (native), English (professional), German (junior)

Programming Languages: Python, C/C++, Bash

Deep Learning Frameworks: PyTorch, HuggingFace Transformers, DeepSpeed, Jax/Flax