Jiazheng Li

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Education

Beijing Institute of Technology   *Sep 2021 – Jun 2025*
B.S. in Artificial Intelligence at the School of Computer Science
- GPA: 3.7/4.0

Tsinghua University   *Sep 2025 – Current*
Ph.D. in Computer Science at College of Artificial Intelligence
- Advisor: Jingzhao Zhang

Research Interests

My research focuses on machine learning, both on theoretical side and empirical side. On the theoretical side, I enjoy trying out various experiments and building appropriate and realistic theoretical frameworks on the results. On the empirical side, I have hands on experience with supervised fine-tuning large-scale LLM and reinforcement learning.

I have worked on topics including:

- Scalable Model Merging.
- Optimization Algorithm for LLM.
- Training Dynamics of Neural Networks.
- Reasoning Large Language Model.
- Multi turn Agent.

Experience

Research Intern   *Beijing, China*
RL Lab, Ant Group   *Apr 2025 – Current*
- Improve Reasoning LLM with SFT and RL.

Publications

Scalable Model Merging with Progressive Layer-wise Distillation   Poster, ICML 2025
Jing Xu, ***Jiazheng Li***, Jingzhao Zhang
Forty-Second International Conference on Machine Learning

Data Mixing Can Induce Phase Transitions in Knowledge Acquisition   2025
Xinran Gu, Kaifeng Lyu, ***Jiazheng Li***, Jingzhao Zhang

NeuralDB: Scaling Knowledge Editing in LLMs to 90,000 Facts with Neural KV Database   2025
Weizhi Fei, Hao Shi, Jing Xu, Jingchen Peng, ***Jiazheng Li***, Jingzhao Zhang, Bo Bai, Wei Han, Zhenyuan Chen, Xueyan Niu

QuestA: Expanding Reasoning Capacity in LLMs via Question Augmentation   2025
Jiazheng Li, Hong Lu, Kaiyue Wen, Zaiwen Yang, Jiaxuan Gao, Hongzhou Lin, Yi Wu, Jingzhao Zhang

Projects

What-s-up Chat Software Development ↗

- ○ Developed a Chat Software.
- ○ Backend communication.
- ○ Functional testing.
- ○ Debugging.

Awards (Selected)

The 2022 ICPC Asia Hefei Regional Contest | *Gold Medal*	Nov 2022
2022 China Collegiate Programming Contest, Weihai Site | *Silver Medal*	Nov 2022
2022 China Collegiate Programming Contest, Guangzhou Site | *Silver Medal*	Nov 2022
The 2022 ICPC Asia Nanjing Regional Contest | *Silver Medal*	Dec 2022
2023 China Collegiate Programming Contest, Invitational Contest (Hunan) | *Golden Medal*	May 2023
The 2023 ICPC Asia Xian Regional Contest | *Silver Medal*	Nov 2023
2023 China Collegiate Programming Contest, Shenzhen Site | *Silver Medal*	Nov 2023

Technologies

Languages: C++, C, Java, Python, SQL.