Tongxu Luo

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🎓 Education

University of Science and Technology Beijing — Sep. 2021 - Jun. 2025

B.S. Candidate in Computer Science and Technology
GPA: 88.52/100

Chinese University of Hong Kong, Shenzhen — Sep. 2025 -

Ph.D. Candidate in Computer Science

👥 Experience

Chinese University of Hong Kong, Shenzhen Shen Zhen, China — Jul. 2024 - Sep. 2024

Research Assistant   mentored by Benyou Wang

Hong Kong University of Science and Technology Hong Kong, China — Nov. 2023 - May. 2024

Research Intern   mentored by Jie Fu

Institute of Automation, Chinese Academy of Sciences Beijing, China — Mar. 2023 - Nov. 2023

Research Intern   mentored by Shizhu He, lead by Kang Liu

📄 Publications

Learning from Peers in Reasoning Models — Feb. 2025 – May. 2025

Tongxu Luo*, Wenyu Du*, Jiaxi Bi, Stephen Chung, Zhengyang Tang, Hao Yang, Min Zhang, Benyou Wang

- * Equal Contributions.
- **NeurIPS 2025 Under Review**

Stacking Your Transformer: A Closer Look At Model Growth For Efficient LLM Pre-Training — Nov. 2023 – May. 2024

Wenyu Du*, Tongxu Luo*, Zihan Qiu, Zeyu Huang, Yikang Shen, Reynold Cheng, Yike Guo, Jie Fu

- * Equal Contributions.
- **NeurIPS 2024 Spotlight**

Unlocking Continual Learning Abilities in Language Models — Apr. 2024 – Jun. 2024

Wenyu Du, Shuang Cheng, Tongxu Luo, Zihan Qiu, Zeyu Huang, Ka Chun Cheung, Reynold Cheng, Jie Fu

- **EMNLP 2024 Findings**

Neeko: Leveraging Dynamic LoRA for Efficient Multi-Character Role-Playing Agent — Jan. 2024 – Feb. 2024

Xiaoyan Yu*, Tongxu Luo*, Yifan Wei, Fangyu Lei, Yiming Huang, Hao Peng, Liehuang Zhu

- * Equal Contributions.
- **EMNLP 2024 Main**
- Github 129 stars.

CMMMU: A Chinese Massive Multi-discipline Multimodal Understanding Benchmark — Nov. 2023 – Feb. 2024

Ge Zhang, Xinrun Du, Bei Chen, Yiming Liang, Tongxu Luo, ..., Wenhu Chen, Jie Fu

🏆 Honors

Competition
- 1st Prize in the National Chinese College Student Computer Game Competition for Surakarta Chess
- 2nd Prize in the National Chinese College Student Computer Design Competition
- 2nd Prize in the Beijing Region of the China National College Computer Competition - Network Technology Challenge

Scholarships
- **National Scholarship for the 2022-2023 academic year**

⚙ Skills

- Cluster: Slurm
- LLMs pretraining (1B-7B): Litgpt, Megatron
- English: IELTS 7.0 (Listening 7.5, Reading 7.5, Writing 6.5, Speaking 6.0)