

EDUCATION

- **Zhejiang University** Hangzhou, China
B.S. in Computer Science and Technology; Rank: 1/30 in Chu Kochen Honors College Sep. 2022 - Present

RESEARCH EXPERIENCE

- **University of Massachusetts Amherst** Massachusetts USA
Research Assistant Feb. 2025 - Jun. 2025
 - **Topic:** LLM reasoning efficiency
 - I am under the supervision of Prof. [Chuang Gan](#).
- **ZJU-Scaling Logger** Hangzhou China
Undergraduate Intern Nov. 2024 - Present
 - **Topic:** LLM RL training and reasoning efficiency
 - I am leading this research project as the **independent first author**.
 - I am under the supervision of Prof. [Linchao Zhu](#).
- **CausalML Lab** Hangzhou China
Undergraduate Intern Jul. 2024 - Feb. 2025
 - **Topic:** LLM attention mechanism.
 - LLM is guided by the strong supervision of the teacher model to assign higher weights to key tokens.
 - I was under the supervision of Prof. [Kun Kuang](#).
- **Interactive Data Group** Hangzhou China
Undergraduate Intern Aug. 2023 - Jun. 2024
 - **Topic:** LLM's problem-solving ability.
 - Use LLM as sports agent to simulate tactic adversarial interactions.
 - Model sentiment analysis of social media and pilot it in the enterprise.
 - I was under the supervision of Prof. [Yingcai Wu](#).

PUBLICATIONS

- [1] **(EMNLP 2025 Under Review)** MuTIS: Enhancing Reasoning Efficiency through Multi-Turn Intervention Sampling in Reinforcement Learning
[Wenshuo Zhao](#), Haoxing Zhai, Xinyu Qiu, Zhenting Qi, Shuhe Li, Linchao Zhu
The 2025 Conference on Empirical Methods in Natural Language Processing
- [2] **(NeurIPS 2025 Under Review)** Steering LLM Thinking with Budget Guidance
Junyan Li, [Wenshuo Zhao](#), Yang Zhang, Chuang Gan
The Thirty-Ninth Annual Conference on Neural Information Processing Systems
- [3] **(EMNLP 2025 Under Review)** CAT: Causal Attention Tuning For Injecting Fine-grained Causal Knowledge into Large Language Models
Kairong Han, [Wenshuo Zhao](#), Ziyu Zhao, Ye Jun Jian, Lujia Pan, Kun Kuang.
The 2025 Conference on Empirical Methods in Natural Language Processing
- [4] **(IEEE Vis 2025 Under Review)** Insider: Enhancing Reasoning of Sports Tactical Visualization with LLM Visual-Text Linking
Ziao Liu, [Wenshuo Zhao](#), Xiao Xie, Anqi Cao, Yihong Wu, Hui Zhang, Yingcai Wu.
The premier forum for advances in visualization and visual analytics
- [5] **(IEEE Vis 2024)** Smartboard: Visual Exploration of Team Tactics with LLM Agent
Ziao Liu, Xiao Xie, Moqi He, [Wenshuo Zhao](#), Yihong Wu, Liqi Cheng, Hui Zhang, Yingcai Wu.
The premier forum for advances in visualization and visual analytics

AWARDS&HONORS

- **National Golden Prize** Xian China
14th "Challenge Cup" National College Students' Competition Oct. 2024
- **National Third Prize** Tianjin China
China Collegiate Computing Contest - AIGC Innovation Competition Aug. 2024
- **Project Leader** Hangzhou China
National College Students' Innovation and Entrepreneurship Training Program Apr 2024
- **Third Prize** Hangzhou China
Physics Innovation Competition for University Undergraduates of Zhejiang Province Dec 2023
- **Scholarship of Leading Achievements** Hangzhou China
Got a scholarship in Chu Kochen Honors College Sep. 2023
- **First Prize** Hangzhou China
Zhejiang University Scholarship(Top 3%) Sep. 2023

PROGRAMMING SKILLS

- **Languages:** Python, Javascript, C/C++, SQL, HTML **Technologies:** OpenRLHF, veRL, React, Vue