Jiale **Zhao**

LLM Algorithm Intern

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Summary

Computer Science B.Eng. (2025). Currently interning at Li Auto on rubric-based RLVR for LLMs. Interests: human-centered HCI, agent-based LLMs and multi-step reasoning, rubric-based RLVR, self-evolving systems, interpretability/controllability, and end-to-end multimodal systems.

Experience

LLM Algorithm Intern

Li Auto, Beijing

- Data Flywheel for Code LLM: Evaluation-centered loop (SFT → eval → data → filtering → SFT) to mass-produce high-quality training/eval data.
- Multi-step Reasoning + Tool Invocation Agent: SFT data for LLM Q&A; API function-call integration; complex task solving via planning.
- MindGPTo: End-to-end multimodal app (GPT-4o-inspired) with paralinguistic features; modular FE/BE; large-scale audio pipelines; SFT.

Sep 2023 – present

Education

B.Eng., Computer Science

Chongqing, China

Chongqing Univ. of Posts and Telecommunications

2021 – 2025

Publications (Under Review)

- ThinkPilot: Steering Reasoning Models via Automated Think-prefixes Optimization (co-first; AACL 2025 via ARR; planning ACL 2025 resubmission)
- Decoding the Ear: Objectifying Expressiveness from Human Preference Through Efficient Alignment (third; ICASSP under review)
- Breaking the Exploration Bottleneck: Rubric-Scaffolded RL for General LLM Reasoning (sixth; ICLR under review)

Ongoing Work

- Enabling LLM to Ask — clarifying-question capability; askBench; RLVR (w/ Prof. Lu Cheng, UIC)
- RubricsHub — automated rubric generation; executable graders for SFT filtering, DPO pairs, RL rewards (Li Auto)

Selected Projects

All three were production business deliverables I shipped during my Li Auto internship.

- MindGPTo — end-to-end multimodal app (GPT-4o-inspired); modular design; audio pipelines; SFT for conversations
- Multi-step Reasoning + Tool Invocation Agent — SFT data construction; API calls; multi-step planning
- Data Flywheel for Code LLM — evaluation-centered iterative framework (SFT → eval → data → filtering → SFT)