

Jiale Zhao

LLM Algorithm Intern

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Summary

I am a Computer Science B.Eng. student (2025) at Chongqing Univ. of Posts and Telecommunications and an LLM algorithm intern at Li Auto. I currently work on rubric-based RLVR and “Enabling LLM to Ask” with Prof. Lu Cheng (UIC).

My interests include **human-centered HCI**, **agentic/multi-step reasoning**, **interpretability/controllability**, **self-evolving systems**, and **multimodal pipelines**.

Education

B.Eng., Computer Science

Chongqing Univ. of Posts and Telecommunications

Chongqing, China

2021 – 2025

Publications (Under Review)

- ThinkPilot: Steering Reasoning Models via Automated Think-prefixes Optimization (co-first; AACL 2025 via ARR; ARR avg score: 3.5; 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 — first-author work analyzing three failure modes (missing/ambiguous intent, overconfident queries, forced answers), building askBench, and training with RLVR to elicit clarifying questions while retaining base skills (with Prof. Lu Cheng, UIC)
- RubricsHub — Meta-Rubric criteria plus automated generate-evaluate-feedback loop to build high-quality, domain-general rubrics compiled into executable graders for SFT filtering, DPO pair building, and RL reward modeling (Li Auto)

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

Research Experience

China

- Before college: self-taught coding and built small projects before entering university.
- Freshman year: joined my first NLP lab via selection; worked mostly independently due to limited advising.
- Freshman summer: joined a second, CV-focused lab with weekly meetings and structured deep-learning training; gained a rigorous foundation.
- Sophomore year: still in the CV lab; limited compute blocked transformer experiments, so I focused on reading papers and designing experiments on paper.
- Sophomore spring: moved to a third lab to build “digital humans” and shipped a 24/7 virtual-avatar livestream on Bilibili.
- Junior to now: Li Auto LLM internship and multiple papers; focusing on rubric-based RL/RLVR, agentic reasoning, and data-centric LLM improvement.

Before college – present