Jiale **Zhao**

LLM Algorithm Intern

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Personal Profile

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 LLM clarification (AskBench) 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, China*
Chongqing Univ. of Posts and Telecommunications   *2021 – 2025*

Publications (Under Review)

- **When and What to Ask: AskBench and Rubric-Guided RLVR for LLM Clarification** (first; under review, ACL; PDF: paper.pdf; code: https://github.com/jialeuuz/askbench)
- **RubricHub: A Comprehensive and Highly Discriminative Rubric Dataset via Automated Coarse-to-Fine Generation** (second; under review, ACL; PDF: rubrichub.pdf; arXiv: https://arxiv.org/abs/2601.08430)
- **ThinkPilot: Steering Reasoning Models via Automated Think-prefixes Optimization** (co-first; AACL 2025 via ARR)
- **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

- **AskBench** — benchmark and training pipeline for teaching LLMs to ask targeted clarifying questions (https://github.com/jialeuuz/askbench)
- **RubricHub** — automated coarse-to-fine rubric generation and compilation 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-centric loop (SFT → evaluate → data build → filtering → back to SFT) to continually raise coding capabilities.
  - ‣ Evaluation-first: standardized harnesses and rubrics so harder tasks surface real capability instead of being bottlenecked by today's noisy, underspecified eval.
  - ‣ Linked loops: evaluation feedback drives tougher data construction; the same tooling filters/repairs low-quality samples before feeding them back into SFT.
- **Multi-step Reasoning + Tool Invocation Agent** — code-LLM agent that plans, writes code, and executes tool calls for precise answers.
  - ‣ Multi-step reasoning: decomposes complex or debugging asks into structured plans so context is stitched into a single executable query.
  - ‣ Tool grounding: integrates code execution and API/function calls for live data or environment actions when pretrained knowledge falls short.
- **MindGPTo (GPT-4o-style multimodal app)** — end-to-end audio + vision system with paralinguistic control, built from scratch with modular FE/BE interfaces.
  - ‣ Mode coverage: supports audio→ASR→LLM→TTS, audio2text→TTS, audio2audio, and multimodal audio+image+video→text→TTS workflows.
  - ‣ Paralinguistic SFT: audio data pipelines expand beyond laughter/pause to age, gender, compound emotions, emotional actions, and ambient sounds.   *Sep 2023 – present*