

# Jiajie Huang

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## EDUCATION

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### **Xi'an Jiaotong University**

2023 - Present

- **Major:** Computer Science and Technology
- **GPA:** 3.86/4.3    **Ranking:** Top 10%

## ACADEMIC PUBLICATION

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- Siqi Ma\*, **Jiajie Huang\*** (co-first author), Bolin Yang, Fan Zhang, Jinlin Wu, Yue Shen, Guohui Fan, Zhu Zhang, Zelin Zang. MedLA: A Logic-Driven Multi-Agent Framework for Complex Medical Reasoning with Large Language Models. Proceedings of the AAAI Conference on Artificial Intelligence (AAAI2026). (Oral)

## RESEARCH EXPERIENCE

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### **Research on Streaming Video Understanding & Audio Benchmarks**

Sep. 2025 – Jan. 2025

*Research Intern | EPIC Lab, Shanghai Jiao Tong University, supervised by Prof. Linfeng Zhang*

- **Project: Streaming Video Model with Self-Improvement.**

- Proposed a self-evolution-based migration method to transform standard video models into **Streaming Video Models**, addressing the challenge of real-time continuous video understanding.
- Designed the **inference format** for streaming scenarios and constructed an automated **data synthesis pipeline** to generate high-quality training data, addressing the data shortage. Validated the method's effectiveness via model migration testing. (Submitted to **ICML**).

- **Project: Audio Model Benchmark.**

- Establishing a comprehensive benchmark for **Long Context Audio** to evaluate the performance bottlenecks of large models on long sequences.
- Contributed to the manuscript preparation and assisted in analyzing performance discrepancies of different models in long-context windows. (Submitted to **ACL**).

### **Research on Medical Multi-Agent Frameworks (MedLA)**

Apr. 2025 – Sep. 2025

*Research Intern | Westlake University, supervised by Prof. Stan Z. Li*

- **Publication: MedLA: A Logic-Driven Multi-Agent Framework for Complex Medical Reasoning with Large Language Models. (AAAI 2026 Oral).**

- Address the lack of logical rigor in existing medical agents by proposing a logic-driven multi-agent framework. The framework utilizes LLMs to build logic trees with **Syllogistic Triads** (major premise, minor premise, conclusion) and introduces **Graph-guided Discussion** to resolve contradictions, achieving SOTA on MedDDx.
- Refined the core **Syllogism methodology** to enhance reasoning transparency and logic. Conducted **specific testing tasks** to verify module effectiveness and drafted core sections of the paper.

### **Algorithm Internship at RWKV**

Sep. 2025 – Dec. 2025

*Algorithm Intern | RWKV (Yuanshi Intelligence)*

- Completed large-scale **training data cleaning** by formulating rules to filter low-quality text.
- Conducted systematic **evaluations** of the RWKV model on multiple NLP benchmark tasks, providing detailed data support for model iteration.

## HONORS AND AWARDS

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### Competition Awards

*Mathematical Contest in Modeling*, Honorable Mention  
*Lanqiao Cup Algorithm Design Competition*, Provincial First Prize

2024,2025  
2025

### Scholarships

*Lu Shidi Scholarship* (Awarded twice)

2024, 2025