

Jiahao Wang

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Education

Harbin Institute of Technology, Shenzhen

- Bachelor of Engineering in Computer Science and Technology
- Duration: Sep 2022 - Jun 2026
- GPA: 87.303/100

The Hong Kong Polytechnic University

- Ph.D. in Computer Science
- Duration: Sep 2026 - Jun 2030 (Expected)

Research Experience

ICML 2026 : Sufficiency-guided Continuous Adaptive Reasoning

Jiahao Wang, Bingyu Liang, Chenhao Hu, Longhui Zhang, Xuebo Liu, Min Zhang, Jing Li, Xuelong Li

- Exploring dynamic thinking mechanisms in LLMs to enable the model to autonomously adjust reasoning effort based on problem complexity. (1st Author)

ICML 2026 : Bridging Functional Correctness and Runtime Efficiency Gaps in LLM-Based Code Translation

Longhui Zhang, Jiahao Wang, Chenhao Hu, Bingyu Liang, Jing Li, Min Zhang

- Improving Code Translation Correctness and Efficiency with Multi-Perspective Exploration and Difference-Aware Selection. (2nd Author)

ACL 2025 : Progressive Code Acceleration Through Bidirectional Tree Editing

Longhui Zhang, Jiahao Wang, Meishan Zhang, GaoXiong Cao, Ensheng Shi, mayuchi, Jun Yu, Honghai LIU, Jing Li, Min Zhang

- Designed a novel benchmark. Proposed a new code acceleration metric. Proposed the BITE method using bidirectional tree editing and progressive learning to accelerate code. (2nd Author)

ICML 2025 : Function-to-Style Guidance of LLMs for Code Translation

Longhui Zhang, Bin Wang, Jiahao Wang, Xiaofeng Zhao, Min Zhang, Hao Yang, Meishan Zhang, YU LI, Jing Li, Jun Yu, Min Zhang

- Developed F2STrans, a method integrating function and style learning to improve LLM-based code translation. (3rd Author)

CCL 2025 (Oral): **SRAG-MAV for Fine-Grained Chinese Hate Speech Recognition**

Jiahao Wang, Ramen Liu, Longhui Zhang, Jing Li

- System Report for CCL25-Eval Task 10: Proposed a novel SRAG-MAV framework that enhances fine-grained Chinese hate speech recognition. (1st Author)

Internships

Tencent Youtu Lab Research Intern | Mar 2026 - Present

- Agent Skill: Improving on-device model performance with Agent Skill.
- Terminal Agent: Data synthesis and model training for Terminal Agent.

Verilog Large Language Model Technology Cooperation Project Research Intern | Jun 2025 - Feb 2026

- Huawei-HIT Joint Project supported by CCF-Huawei Poplar Fund.
- Participated in developing verilog data governance tools, distilling a Verilog code generation model matching industry-leading performance, and creating supporting IDE plugins.

Open-Source Projects

PyTorch-DeepLearning-Practice-Projects Ongoing

- PyTorch-based deep learning projects, with updates (e.g., Diffusion, Gomoku RL).

ZHIHUISHU-Auto-Answer-Assistant Completed

- Automated answering tool for Zhihuishu using web scraping and LLMs.

Douban-MovieReview-Crawler Completed

- Crawler for Douban reviews, generating star ratings and word clouds.

Honors and Awards

- 2025: Sixth Place, Digital China Innovation Contest (**National Level**)
- 2025: Second Place(2/659), CCL25-Eval Task 10
- 2025: Third Prize, 18th National College Student Information Security Competition (**National Level**)
- 2023: First Prize, 15th National College Student Mathematics Competition (**Provincial Level**)
- 2022-2023: Third-Class Scholarship, Harbin Institute of Technology, Shenzhen