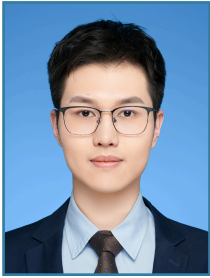

JIARUN LIU



Personal Statement

I am **Jiarun Liu** from the School of Information and Communication Engineering, Beijing University of Posts and Telecommunications (BUPT), and I am currently working on the Master's degree.

Education

**Beijing University of Posts and Telecommunications Bachelor's Degree
Communication Engineering (Class of Excellence)**

The course grade is 89.05, ranking 80 / 541. CET 4 / 6 grade is 658 / 521.

Beijing University of Posts and Telecommunications Master's Degree

My research focuses on natural language processing and reinforcement learning.

Research Experience

39th AAAI Conference on Artificial Intelligence (AAAI-25 Oral) "WEPO: Web Element Preference Optimization for LLM-based Web Navigation"

Web Element Preference Optimization (WEPO) improves web navigation by optimizing LLM's preferences between relevant and irrelevant HTML elements.

ACL-2025 Findings "All That Glitters Is Not Gold: Improving Robust Retrieval-Augmented Language Models with Fact-Centric Preference Alignment"

Proposed a fact-centric preference-alignment training method to enhance the robustness of retrieval-augmented language models when faced with noisy documents.

2024 IEEE International Conference on Image Processing (ICIP) "Meta-DM: Applications of Diffusion Models on Few-Shot Learning"

The paper investigates a data enhancement application of mainstream diffusion models on few-shot sample tasks and achieve SOTA on several benchmarks.

Awards

During undergraduate years Third Prize of Bachelor's Scholarship for three years / Innovation Fund of the "Class of Excellence"

During graduate years First Prize of Master's Scholarship for two years / Gold Prize of 2023 Shanghai Lingang Cup Artificial Intelligence Global Innovation Competition

Internship

Chief Technology Officer & Co-founder at Retainer (Beijing, China)

Led development of an LLM-powered game development agent that assists developers through natural language interaction. Secured \$30K from MiraclePlus F24.

Research and Engineering at Microsoft (Beijing, China)

We realized DOM tree chunking algorithm, developed Bing and Copilot accessibility bug detecting agents and built benchmarks under the DKI group at Microsoft.

AI Algorithm Engineer at Stealth Startup (Canada)

We developed web-based AGI agents for Kapwing's video editing website and Instantly's email management website, based on mainstream LLM techniques.

Hobbies

Photography / Instrumental Music and Jazz / Reading / Ball Games and Fitness
