

Rui TANG 唐睿

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Education

2022.9 Now	University of Chinese Academy of Sciences	Rank 3/87
	Computer Science and Technology	Dual Degree in Mathematics
	Lab on Design and Analysis of Algorithm: 100	Lab of Operating System: 100 Discrete Mathematics: 98

Research Experience

2024-Now	Instutite of Computing Technology, CAS.	Advised by Prof. Fei Sun
	By utilizing activation vector representations from intermediate layers of LLMs and applying meta-learning methods, we constructed a prefix vector to enhance the ability of LLMs to output truthful information.	
	To evaluate the performance and stability of LLMs under knowledge editing, we employs a Multi-Hop QA dataset to assess their capability in utilizing edited knowledge.	

Publications and Preprints

Under Review	Wanli Yang, Fei Sun, Rui Tang, Hongyu Zang, Du Su, Qi Cao, Jingang Wang, Huawei Shen, Xueqi Cheng.
	Fine-tuning Done Right in Model Editing

Projects

2023.12	Gomoku AI	A C programming coursework project implementing human-computer Gomoku gameplay. Innovative data structures optimized search algorithm efficiency. Concurrently employed genetic algorithms for autonomous parameter tuning.
2021.2	Complex Variable Function Visualization Software	A software capable of parsing arbitrary mathematical expressions that visually renders complex-valued functions through chromatic mapping, elegantly illustrating domain-to-codomain transformations within the complex plane.

Awards

2025	National Scholarship for Undergraduates	
2024-2025	ICPC Asia Regional Contest	Silver Medal ×2
2024-2025	CCPC Regional Contest	Silver Medal ×2
2024-2025	Academic Scholarship	First Class (Top 5%) ×2
2024	The Mathematical Contest in Modeling	Honorable Mention
2021	National Olympiad in Mathematics in southeastern China	Silver Medal

Skills

Coding	Shell, Python, C, C++, C#, Matlab, Unity, PyTorch
Tools	SSH, Git, Vim, Docker, L ^A T _E X, SQLite, Blender, AutoCAD, BeautifulSoup, Selenium
Data Analysis	Matlab, Pandas, Matplotlib
Web	Nginx, Streamlit, Flask
Languages	Chinese — Native English — Fluent CET4: 664 CET6: 564