Rui TANG

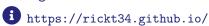@ rick.tanng@gmail.com ⌨ github.com/RickT34

⚓ 2003-11-7 📍 Beijing ℹ https://rickt34.github.io/

🎓 Education

2022.9 Now	**University of Chinese Academy of Sciences** *Computer Science and Technology*	• GPA: 3.93/4.00, rank 3/79 • *Dual Degree in Mathematics*

⚛ Experience

› **2024-Now**   **Instutite of Computing Technology, CAS.**   Advised by <u>Prof. Fei Sun</u>

● 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.

‹/› 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.
<u>https://github.com/RickT34/TRGoChessC</u>

› **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.
<u>https://github.com/RickT34/ComplexDrawer</u>

🏆 Awards

›2024	*ICPC Asia Kunming Regional Contest*	Silver Medal
›2024	*CCPC Chongqing Regional Contest*	Silver Medal
›2024	*The Mathematical Contest in Modeling*	Honorable Mention
›2024	*Academic Scholarship*	First Class (Top 5%)
›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, LaTeX, SQLite, Blender, AutoCAD, BeautifulSoup, Selenium
Data Analysis	Matlab, Pandas, Matplotlib
Web	Nginx, Streamlit, Flask
🔤 **Languages**	**Chinese** — Native **English** — Fluent