

Shichao Song (宋世超)

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Address: Renmin University of China, Haidian District, Beijing



Education

Renmin University of China

- Ph.D. in Computer Application Technology
- Supervised by Prof. Xun Liang
- 2023.09 – Present

Henan University of Economics and Law

- B.Mgt. in E-commerce
- Supervised by Prof. Yong Pan and Prof. Xiaodong Shi
- GPA: 4.05/5.0, Top 2%
- 2019.09 - 2023.06

Work Experience

Institute for Advanced Algorithms Research, Shanghai

- Research Intern at the Large Language Model Center
- Supervised by Dr. Zhiyu Li
- 2023.09 - Present

Selected Research Projects

Full publication list: <https://scholar.google.com/citations?hl=en&user=91cfp3wAAAAJ>

Memory³: Language Modeling with Explicit Memory

- *J. Mach. Learn.*, 2024
- Paper: https://global-sci.org/intro/article_detail/jml/23419.html
- Note: Contribute to the truthfulness evaluation of language models

UHGEval: Benchmarking the Hallucination of Chinese Large Language Models via Unconstrained Generation

- *ACL*, 2024
- Paper: <https://aclanthology.org/2024.acl-long.288/>
- Code: <https://github.com/IAAR-Shanghai/UHGEval>
- Note: Supervisor as the first author, myself as the second author

Controlled Text Generation for Large Language Model with Dynamic Attribute Graphs

- *Findings of ACL*, 2024
- Paper: <https://aclanthology.org/2024.findings-acl.345/>
- Code: <https://github.com/IAAR-Shanghai/DATG>
- Note: Third author / Co-first author

TurtleBench: Evaluating Top Language Models via Real-World Yes/No Puzzles

- *ICLR (reviewing)*, 2024
- Paper: <https://arxiv.org/abs/2410.05262>

- Code: <https://github.com/mazzzystar/TurtleBench>
- Note: Co-first author

Attention Heads of Large Language Models: A Survey

- *Cell Patterns (reviewing)*, 2024
- Paper: <https://arxiv.org/abs/2409.03752>
- Code: <https://github.com/IAAR-Shanghai/Awesome-Attention-Heads>
- Note: Contribute to the initial idea proposal and project initiation

Internal Consistency and Self-Feedback in Large Language Models: A Survey

- *IEEE TPAMI (reviewing)*, 2024
- Paper: <https://arxiv.org/abs/2407.14507>
- Code: <https://github.com/IAAR-Shanghai/ICSFSurvey>
- Note: Supervisor as the first author, myself as the second author

xFinder: Robust and Pinpoint Answer Extraction for Large Language Models

- *ICLR (reviewing)*, 2024
- Paper: <https://arxiv.org/abs/2405.11874>
- Code: <https://github.com/IAAR-Shanghai/xFinder>
- Note: Third author / Co-first author

Research on Cold-Start of Product Recommendation with Graph Neural Network

- *Undergraduate Thesis*, 2023 (Outstanding Undergraduate Thesis)
- PDF: <https://ki-seki.github.io/assets/GNNRSThesis.pdf>
- Code: <https://github.com/Ki-Seki/KGCN-pytorch-updated/tree/ugt-only>

Advances in Graph Meta-Learning

- *Chinese Journal of Computers (reviewing)*, 2023
- Note: Contribute to paper writing

Optimization of Emergency Supplies Distribution Across Risk Areas During the Pandemic

- GitHub, 2022
- Code: <https://github.com/Ki-Seki/MOPSO-for-Distribution>

Selected Awards and Honors

Second-Class Academic Scholarship for Doctoral Students

- Renmin University of China, 2023.11

National Encouragement Scholarship (Rank: Top 5%)

- Henan University of Economics and Law, 2022.11

National Second Prize in the China Undergraduate Mathematical Contest in Modeling

- China Society for Industrial and Applied Mathematics, 2021.11

Scored 591/710 in the College English Test Band 6 (CET-6)

- Ministry of Education of the People's Republic of China, 2021.09

Scored 607/710 in the College English Test Band 4 (CET-4)

- Ministry of Education of the People's Republic of China, 2020.12

National Encouragement Scholarship (Rank: Top 5%)

- Henan University of Economics and Law, 2020.11

Services

- Reviewer for ICLR'25, ACM TIST
- Volunteer at AI TIME