

Shengbin Yue (岳圣斌)

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Fudan University, Shanghai

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EDUCATION

Fudan University, School of Data Science, Ph.D. Student Shanghai, China
Sept 2023 – Present
Artificial Intelligence

- **Advisor:** [Zhongyu Wei](#) & [Wei Lin](#)
- **Focus:** large language model, autonomous agents, social modeling

Kunming University of Science and Technology, M.S. & B.Eng. Yunnan, China
Sept 2016 – Jun 2023
Communication and Information System

- **Advisor:** [Zhengtao Yu](#)
- **Focus:** cross vision-language understanding, image difference captioning.

RESEARCH EXPERIENCE

Fudan University, *Fudan NLP Group, DISC Lab* Shanghai, China
June 2023 – Present

- **Ph.D. Student (Advisor:** [Zhongyu Wei](#))
- **Project:**
 - 1) *Building Long-Horizon and Efficient Agents*: retrieval-augmented reasoning, efficient parallel decision optimization and evaluation, agent mental-state modeling, multi-agent co-training, environment-agent co-evolution, and large-scale interaction data synthesis via multi-agent simulation.
 - 2) *Social Modeling*: LLM-based collaboration and reasoning within social structures, including multi-task scheduling, social simulation, and user modeling.

Singapore Management University, *SMU NLP Group* Singapore
Aug 2026 – Jan 2027

- **Visiting Scholar (Advisor:** [Yang Deng](#))
- **Project:** *Skill Evolving*, including selective experience learning, cross-module experience attribution.

Institute of Computing Technology, Chinese Academy of Sciences, *VIPL Group* Beijing, China
May 2021 – Dec 2022

- **Research Intern (Advisor:** [Liang Li](#))
- **Project:** visual-language cyclic consistency supervised difference captioning.

PUBLICATIONS

* equal contribution.

- [1] **Shengbin Yue**, Siyuan Wang, Wei Chen, Xuanjing Huang, Zhongyu Wei. “**Synergistic Multi-Agent Framework with Trajectory Learning for Knowledge-Intensive Tasks**” in *Proceedings of the AAAI Conference on Artificial Intelligence: AAAI 2025*. (Oral, Top 4.6%) [\[pdf\]](#)
- [2] **Shengbin Yue**, Hongru Wang, Siyuan Wang, Xiaoxin Chen, Wei Chen, Zhongyu Wei. “**ParaAgent: Reinforcing Parallel Acting in Open-World Tool Environments**” in *preprint 2026* [\[pdf\]](#)
- [3] **Shengbin Yue***, Ting Huang*, Zheng Jia*, et al. “**Multi-Agent Simulator Drives Language Models for Legal Intensive Interaction**” in *Findings of the Association for Computational Linguistics: NAACL 2025*. [\[pdf\]](#)
- [4] Zheng Jia*, **Shengbin Yue***, Wei Chen, Siyuan Wang, Yidong Liu, et al. “**Ready Jurist One: Benchmarking Language Agents for Legal Intelligence in Dynamic Environments**” in *Proceedings of the 64th Annual Meeting of the Association for Computational Linguistics: ACL 2026*. [\[pdf\]](#)
- [5] Songhan Zuo*, **Shengbin Yue***, Tao Chiang, Guanying Li, Yun Song, et al. “**LegalWorld: A Life-Cycle Interactive Environment for Legal Agents**” in *Proceedings of the 2026 Conference on Empirical Methods in Natural Language Processing: EMNLP 2026*. [\[pdf\]](#)

- [6] Yifan Li*, **Shengbin Yue***, Boyu Feng*, Jinhu Qi, Bo Ke, et al. “**From Knowing to Acting: Benchmarking Self-Awareness Capability of LLM Agents**” in *preprint 2026* [\[pdf\]](#)
- [7] **Shengbin Yue**, Shujun Liu, Yuxuan Zhou, Chenchen Shen, Siyuan Wang, et al. “**LawLLM: Intelligent Legal System with Legal Reasoning and Verifiable Retrieval**” in *International Conference on Database Systems for Advanced Applications: DASFAA 2024*. (Oral, 950+ GitHub Stars) [\[pdf\]](#)
- [8] Xiaoyou Liu, Xinyi Mou, **Shengbin Yue**, Liang Wang, Yuqing Wang, et al. “**PersonaDual: Balancing Personalization and Objectivity via Adaptive Reasoning**” in *Proceedings of the 2026 Conference on Empirical Methods in Natural Language Processing: EMNLP 2026*. [\[pdf\]](#)
- [9] Shujun Liu, Xiaoyu Shen, Yuhang Lai, Siyuan Wang, **Shengbin Yue**, et al. “**Haf-RM: A Hybrid Alignment Framework for Reward Model Training**” in *Proceedings of the 63rd Annual Meeting of the Association for Computational Linguistics: ACL 2025*. [\[pdf\]](#)
- [10] Lin Gao, Jing Lu, Zekai Shao, Ziyue Lin, **Shengbin Yue**, et al. “**Fine-tuned Large Language Model for Visualization System: A Study on Self-Regulated Learning in Education**” in *IEEE Transactions on Visualization and Computer Graphics: TVCG 2025*. [\[pdf\]](#)
- [11] **Shengbin Yue**, Yunbin Tu, Liang Li, Ying Yang, et al. “**I3N: Intra- and Inter-representation Interaction Network for Change Captioning**” in *IEEE Transactions on Multimedia: TMM 2023*. [\[pdf\]](#)
- [12] **Shengbin Yue**, Yunbin Tu, Ying Yang, Shengxiang Gao*, Zhengtao Yu. “**Multi-grained Representation Aggregating Transformer with Gating Cycle for Change Captioning**” in *ACM Transactions on Multimedia Computing, Communications, and Applications: TOMM 2024*. [\[pdf\]](#)

TEACHING & PROFESSIONAL SERVICE

Teaching Assistant:

CS60004-Artificial Intelligence, Fudan University

Spring 2026

IICS737021-Large Language Model, Fudan University

Fall 2024

Organizer, the *Agent Court Arena Track @ CAIL 2025*

Area Chair, Lifelong Agent Workshop @ ICLR 2026 @ COLM 2026

Program Committee (Reviewer):

ACL Rolling Review 2024-Present, NeurIPS, ICLR, AAAI, ACL, EMNLP, NAACL, NLPCC, COLING, TACL.

INVITED TALKS

“Toward Interactive Legal Intelligence: Multi-Agent Simulation for Synthetic Data Generation” at CJA1 2026	2026.01
“Agent Learning and Social Intelligence Evaluation” at CCF ADL-16 Workshop	2025.08
“Benchmarking Language Agents for Legal Intelligence in Dynamic Environments” at THUIR, Tsinghua University	2025.08
“Knowledge Retrieval Augmented Legal Large Language Models” at MLNLP 2024 Domain LLM Seminar	2024.08

AWARDS AND HONORS

Scholarship

QuantPi Scholarship of Fudan University	2025
Tung Scholarship of Fudan University	2024
Outstanding Student Scholarship of Fudan University (Grade 1)	2023-2025
Academic Scholarship of Fudan University (Grade 1)	2023-2025

Honors

Merit Student of Fudan University	2024
Outstanding Master’s Thesis Award of Yunnan Province	2024
Merit Student of Yunnan Province	2023
Outstanding Graduate of Yunnan Province	2020