

Shengbin Yue

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Fudan University, Shanghai

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EDUCATION

Fudan University, Ph.D. Student
Electronic and Information Engineering

Shanghai, China
Sept 2023 – Present

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

Kunming University of Science and Technology, M.S. & B.Eng.
Communication and Information System

Yunnan, China
Sept 2016 – Jun 2023

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

RESEARCH EXPERIENCE

Fudan University, *Fudan NLP Group, DISC Lab*

Shanghai, China
June 2023 – Present

- *Ph.D. Student* (Advisor: [Zhongyu Wei](#))
- **Project:**

- 1) *Autonomous Agents*: Internalization–Externalization in Agent Learning, including world model RL, capability self-awareness, tool-augmented reasoning, environment-agent evolving.
- 2) *Social Modeling*: LLM-based simulation and modeling of legal systems and social dynamics.

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.

Kunming University of Science and Technology, *Yunnan Provincial Key Laboratory of Artificial Intelligence*

Yunnan, China
June 2020 – Aug 2023

- *Graduate Student* (Advisor: [Zhengtao Yu](#))
- **Project:** fine-grained difference visual modeling for change captioning.

PUBLICATIONS

[1] Zheng Jia*, **Shengbin Yue***, Wei Chen, Siyuan Wang, Yidong Liu, Yun Song, Zhongyu Wei. "**Ready Jurist One: Benchmarking Language Agents for Legal Intelligence in Dynamic Environments**". (in *Proceedings of the 64rd Annual Meeting of the Association for Computational Linguistics: ACL 2026*.) [\[pdf\]](#)

[2] **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) [\[pdf\]](#)

[3] **ShengbinYue***, Ting Huang*, Zheng Jia*, Siyuan Wang, Shujun Liu, Xuanjing Huang, Zhongyu Wei. "**Multi-Agent Simulator Drives Language Models for Legal Intensive Interaction**" in *Findings of the Association for Computational Linguistics: NAACL 2025*. [\[pdf\]](#)

[4] **ShengbinYue**, Shujun Liu, Yuxuan Zhou, Chenchen Shen, Siyuan Wang, Yao Xiao, Bingxuan Li, Yun Song, Xiaoyu Shen, et al. "**LawLLM: Intelligent Legal System with Legal Reasoning and Verifiable Retrieval**" in *International Conference on Database Systems for Advanced Applications: DASSFA 2024*. (Oral) [\[pdf\]](#)

[4] **Shengbin Yue**, Yunbin Tu, Liang Li, Ying Yang, Shengxiang Gao*, Zhengtao Yu. "**I3N: Intra- and Inter-representation Interaction Network for Change Captioning**" in *IEEE Transactions on Multimedia: TMM 2023*. [\[pdf\]](#)

- [5] **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. [\[pdf\]](#)
- [6] Shujun Liu, Xiaoyu Shen, Yuhang Lai, Siyuan Wang, **Shengbin Yue**, Zengfeng Huang, Xuanjing Huang, Zhongyu Wei. "**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. [\[pdf\]](#)
- [7] 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. [\[pdf\]](#)
- [8] Yifan Li*, **Shengbin Yue***, Boyu Feng*, Jinhu Qi, Zixing Song, Hongru Wang, Zhongyu Wei, Irwin King. "**Acting of Knowledge: Exploring Capability Self-awareness with LLM Agents**" (*under review*) [\[pdf\]](#)
- [9] Xiaoyou Liu, Xinyi Mou, **Shengbin Yue**, Liang Wang, Yuqing Wang, Qiexiang Wang, Tianrui Qin, Wangchunshu Zhou, Zhongyu Wei. "**PersonaDual: Balancing Personalization and Objectivity via Adaptive Reasoning**" (*preprint*) [\[pdf\]](#)

TEACHING & PROFESSIONAL SERVICE

Teaching Assistant:

IICS737021-Large Language Model, Fudan University

Fall 2024

CS60004-Artificial Intelligence, Fudan University

Spring 2026

Co-Organizer:

Organizer of the *Agent Court Arena Track* at CAIL 2025

Program Committee (Reviewer):

ACL Rolling Review 2024-Present, ICLR, AAAI, ACL, EMNLP, NAACL, NLPCC, COLING, T-ACL, Knowledge-Based Systems, Neurocomputing.

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

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