

Shangjian Yin

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Guangzhou City, Guangdong Province, China

EDUCATION

South China Agriculture University
B.S. Computer Science

Sep. 2021 – June 2025
Current GPA: 4.14/5

SKILLS

Languages : English (CET-6), Mandarin (Native), Cantonese (Native)
Programming: Python, Java, C++, Vue, Bash, Markdown, L^AT_EX
Deep Learning : PyTorch, LLM Fine-Tuning

RESEARCH EXPERIENCE

Research Assistant, Speech Intelligence Laboratory 540, South China Agricultural University
Supervisors: Prof. Peijie Huang and Prof. Yuhong Xu Apr. 2022 - Present

Outline: Initially assisted senior colleagues in handling various research tasks and pursued self-directed learning initiatives. Later engaged in research focusing on Multi-Intent SLU (Spoken Language Understanding).

PUBLICATION

- [1] Shangjian Yin, Peijie Huang*, Yuhong Xu. “**Uni-MIS: United Multiple Intent Spoken Language Understanding via Multi-View Intent-Slot Interaction**”. *The 38th Annual AAAI Conference on Artificial Intelligence, Main Conference (AAAI 2024)*.
- [2] Shangjian Yin, Peijie Huang*, Dongzhu Liang, Zhuoqi He, Qianer Li, Yuhong Xu. “**A Multi-Intent Fusion Framework for Joint Intent Detection and Slot Filling**”. *Journal of Chinese Information Processing*. Recommended from proceedings of the 23th China National Conference on Computational Linguistics, Main Conference (CCL 2023).
- [3] Shangjian Yin, Peijie Huang*, Yuhong Xu, Haojing Huang, Jiatian Chen. “**Do Large Language Model Understand Multi-Intent Spoken Language ?**”. *Under review(submitted to ACL 2024)*.

PROJECTS

National University Student Innovation and Entrepreneurship Project Jun. 2022 - Nov. 2023

- Served as a key member in this project, striving to integrate diverse, multi-source knowledge into spoken language understanding.

PRIMARY COMPETITIONS

14th Blue Bridge Cup National Competition, Province First Prize May. 2023

- Excelled individually in a well-regarded algorithm competition using python language.

Market Research and Analysis Competition, Zhengda Cup, Province Third Prize Apr. 2023

- Focused on data analysis and modeling as part of a team.

3rd Greater Bay Area Cup, Financial Mathematics Modeling, National Second Prize Dec. 2022

- Performed as a key modeler and coder within a team.

National College Students' Mathematics Modeling Competition, Province Third Prize Sep. 2022

- Acted as a principal modeler and coder within the team.