

Sifan Li, M.S. Student

✉ sfljohn@foxmail.com

🌐 <https://johnnyzeppelin.github.io/myResume/>



About Me

- I am currently in the final year of my M.S. program at Liaoning University. I have previously been a visiting student at HKUST-GZ under the supervision of Dr. Binghuo Zhong, and at Peking University under the supervision of Dr. Hao Tang. I am now a research intern at vivo Co., Ltd. and the University of California, Merced, working under the supervision of Dr. Yiwei Wang. I am actively seeking a Ph.D. program starting in Fall 2026.
- My research interests include NLP, multimodal LLMs, computer vision, Diffusion Models on T2I, Diffusion Models on LLM, efficient training and inference, multimedia quality assessment, controllable T2I, AIGC, world model *etc.*

Employment





- 2025 – now ■ **vivo Mobile Communication Co., Ltd.**
Assistant Algorithm Engineer intern in NLP Research.
- 2024 – now ■ **University of California, Merced**
Research Intern advised by Asst. Prof. Yiwei Wang.
- 2024 – 2025 ■ **Peking University**
Visiting Student advised by Asst. Prof. Hao Tang.
- 2023 – 2024 ■ **Hong Kong University of Science and Technology (Guangzhou)**
Research Assistant advised by Asst. Prof. Binghuo Zhong.

Education






- 2023 – now ■ **M.S., Computer Science, Liaoning University**
Advised by Assoc. Prof. Yun Liu.
- 2017 – 2021 ■ **B.E. Computer Science, Shenyang Jianzhu University**
Thesis title: *Practical C#-Based System for Contour Display and Camber Recognition of Steel Plates.*

Research Publications

- 1 S. Li, Y. Cai, B. Hooi, N. Peng, and Y. Wang, *Do "new snow tablets" contain snow? large language models over-rely on names to identify ingredients of chinese drugs*, 2025. arXiv: 2504.03786 [cs.CL]. 🔗 URL: <https://arxiv.org/abs/2504.03786>.
- 2 S. Li, Y. Cai, and Y. Wang, *Semvink: Advancing vlms' semantic understanding of optical illusions via visual global thinking*, 2025. arXiv: 2506.02803 [cs.CL]. 🔗 URL: <https://arxiv.org/abs/2506.02803>.

- 3 **S. Li**, M. Tao, H. Zhao, L. Shao, and H. Tang, *Replace in translation: Boost concept alignment in counterfactual text-to-image*, 2025. arXiv: 2505.14341 [cs.CV].  URL: <https://arxiv.org/abs/2505.14341>.
- 4 Y. Liu, **S. Li**, H. Duan, Y. Zhou, D. Fan, and G. Zhai, “Multi-task guided blind omnidirectional image quality assessment with feature interaction,” *IEEE Transactions on Circuits and Systems for Video Technology*, pp. 1–1, 2025.  DOI: 10.1109/TCSVT.2025.3551723.
- 5 Y. Liu, **S. Li**, D. Fan, *et al.*, “Tffn: Three-branch feature fusion network for stereoscopic omnidirectional image quality assessment,” *IEEE Transactions on Multimedia (ongoing review)*, 2025.
- 6 Y. Liu, Z. Wen, M. Jin, *et al.*, “A multimodal fake news detection model with self-supervised unimodal label generation,” in *Advanced Intelligent Computing Technology and Applications*, D.-S. Huang, W. Chen, and Y. Pan, Eds., Singapore: Springer Nature Singapore, 2024, pp. 130–141, ISBN: 978-981-97-5603-2.  DOI: https://doi.org/10.1007/978-981-97-5603-2_11.
- 7 Y. Liu, Z. Wen, **S. Li**, D. Fan, and G. Zhai, “Image aesthetics assessment based on visual perception and textual semantic understanding,” in *Digital Multimedia Communications*, G. Zhai, J. Zhou, L. Ye, H. Yang, P. An, and X. Yang, Eds., Singapore: Springer Nature Singapore, 2024, pp. 39–53, ISBN: 978-981-97-3626-3.  DOI: https://doi.org/10.1007/978-981-97-3626-3_4.

Skills

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| Languages |  English and Chinese Mandarin. |
| Coding |  Python, C, C++, C#, Java, SQL, \LaTeX , ... |
| Databases |  MySQL, ORACLE. |
| Web Dev |  HTML, CSS, JavaScript, Apache Web Server, Tomcat Web Server. |
| Misc. |  Academic research, teaching, training, consultation, \LaTeX typesetting and publishing. |