Resume

About Me

I am a Ph.D. student at Shanghai Jiao Tong University (SJTU), advised by Prof. Yanmin Qian. My research is centered on building intelligent systems that can holistically understand, translate, and generate human speech. I am particularly interested in creating seamless, expressive, and real-time cross-lingual communication, exploring topics in end-to-end speech translation, controllable speech synthesis, and multimodal emotion recognition. I have published several papers at leading international conferences in the fields of speech and artificial intelligence as first-author.

Beyond my academic work, I am passionate about translating cutting-edge research into real-world applications. I have interned at Microsoft, Honor, and YSYB. At Honor, I played a key role in the successful launch of their on-device speech large model. I was also one of the main R&D members for the Luna-1, a pioneering multimodal emotion large model developed at YSYB.

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- Github: https://github.com/nethermanpro
- 个人主页： https://nethermanpro.github.io

Education

- 2023 - : PhD student, School of Computer Science, Shanghai Jiao Tong University
- 2019 - 2023: Bachelor of Engineering, Shanghai Jiao Tong University, Major in Computer Science and Technology
- 2016 - 2019: Shanghai High School, Math Specialty Class

Internship Experience

- 2025.07 - 2025.10: Research Intern, Honor Device Inc.
- 2022.11 - 2024.03: Research Intern, Microsoft Research Asia

Awards

- 2023, Outstanding Graduate of Shanghai Jiao Tong University

- 2022, Liu Yongling Special Scholarship
- 2021, Second Prize, Shanghai Division, National Undergraduate Mathematical Modeling Contest
- 2021, Silver Prize, National Undergraduate Algorithm Design and Programming Challenge
- 2020, First Prize of the National College Student Innovation and Entrepreneurship Competition

Conference Paper

- **Le, C.**, Han, B., Li, J., Chen, S., & Qian, Y. (2025). SimulMEGA: MoE Routers are Advanced Policy Makers for Simultaneous Speech Translation. Advances in Neural Information Processing Systems, 38. link
- **Le, C.**, Xia, Y., Li, H., Wang, M., Sun, Y., Ma, X., & Qian, Y. (2025). Novel Parasitic Dual-Scale Modeling for Efficient and Accurate Multilingual Speech Translation. In Proc. Interspeech 2025 (pp. 908-912).link
- Xia, Y., Li, H., **Le, C.**, Wang, M., Sun, Y., Ma, X., & Qian, Y. (2025). MFLA: Monotonic Finite Look-ahead Attention for Streaming Speech Recognition. In Proc. Interspeech 2025 (pp. 4408-4412) link
- **Le, C.**, Qian, Y., Wang, D., Zhou, L., Liu, S., Wang, X., ... & Zeng, M. (2024). Transvip: Speech to speech translation system with voice and isochrony preservation. Advances in Neural Information Processing Systems, 37, 89682-89705. Link
- **Le, C.**, Qian, Y., Zhou, L., Liu, S., Qian, Y., Zeng, M., & Huang, X. (2023). Comsl: A composite speech-language model for end-to-end speech-to-text translation. Advances in Neural Information Processing Systems, 36, 58312-58323.Link
- Meng, L., Wen, M., **Le, C.**, Li, X., Xing, D., Zhang, W., ... & Xu, B. (2023). Offline pre-trained multi-agent decision transformer. Machine Intelligence Research, 20(2), 233-248.Link

Patent

1. 一种多语言语音翻译模型、训练方法及推理方法，发明专利，专利号：CN120808755A，中国，授权公告日：2024年10月17日
2. 一种基于专家路由门限的高效同声传译方法，发明专利，专利号：CN120766657A，中国，授权公告日：2025年10月10日