

Zhao Yang

Ph.D. Student
Gaoling School of Artificial Intelligence
Renmin University of China

Homepage: yangzhao1230.github.io
Email: yangyz1230@gmail.com
GitHub: github.com/yangzhao1230
Scholar: [Google Scholar](#)

Education

Renmin University of China

- *Ph.D. in Artificial Intelligence, Gaoling School of AI*
 - Advisor: Prof. Bing Su

Beijing, China

Sep 2022 - Jun 2026 (Expected)

Sichuan University

- *B.Eng. in Software Engineering, School of Software*

Chengdu, China

Sep 2018 - Jun 2022

Experience

Zhongguancun Academy

- *Research Intern*

Beijing, China

Apr 2025 - Present

Alibaba Cloud

- *Research Intern*

Beijing, China

Jan 2025 - Mar 2025

Microsoft Research AI4Science

- *Research Intern*

Beijing, China

Nov 2023 - Nov 2024

Research Interest

My research interests focus on **Language Models** and **Diffusion Models**, with a particular emphasis on their applications in **AI4Science**. Recently, I am interested in building practical scientific frameworks that go beyond end-to-end model predictions, by incorporating **reasoning** and **agentic** capabilities into scientific discovery.

Publication List (Google Scholar)

- [1] Zhao Yang*, Yi Duan*, Jiwei Zhu, Ying Ba, Chuan Cao, Bing Su. **Extending Sequence Length is Not All You Need: Effective Integration of Multimodal Signals for Gene Expression Prediction**. *International Conference on Learning Representations (ICLR)*, 2026. (**Oral**)
- [2] Hengchang Liu*, Zhao Yang*, Bing Su. **Diffusion LMs Can Approximate Optimal Infilling Lengths Implicitly**. *arXiv preprint*, 2026.
- [3] Zhao Yang*, Jiwei Zhu*, Bing Su. **SPACE: Your Genomic Profile Predictor is a Powerful DNA Foundation Model**. *International Conference on Machine Learning (ICML)*, 2025.
- [4] Zhao Yang, Bing Su, Chuan Cao, Ji-Rong Wen. **Regulatory DNA Sequence Design with Reinforcement Learning**. *International Conference on Learning Representations (ICLR)*, 2025.
- [5] Zhao Yang, Bing Su, Jiahao Chen, Ji-Rong Wen. **Interpretable Enzyme Function Prediction via Residue-Level Detection**. *ICLR 2025 Workshop on Learning on Graphs and Geometry (LMRL)*, 2025.
- [6] Zhao Yang, Bing Su, Ji-Rong Wen. **Synthesizing Long-Term Human Motions with Diffusion Models via Coherent Sampling**. *ACM Multimedia (ACM MM)*, 2023.
- [7] Bing Su, Dazhao Du, Zhao Yang, Yujie Zhou, Jiangmeng Li, Anyi Rao, Hao Sun, Zhiwu Lu, Ji-Rong Wen. **A Molecular Multimodal Foundation Model Associating Molecule Graphs with Natural Language**. *arXiv preprint*, 2022.

Honors & Awards

- **First-Class Academic Scholarship:** Renmin University of China 2023, 2025
- **Outstanding Undergraduate Thesis:** Sichuan University 2022
- **Outstanding Graduate:** Sichuan University 2022
- **NOIP (National Olympiad in Informatics in Provinces):** First Prize 2016

Technical Skills

- **Programming:** Python, Bash, L^AT_EX
- **Frameworks:** PyTorch, Hugging Face Transformers
- **Tools:** Git, Linux, Claude Code, Cursor