Yize Zhang

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🎓 Education (Pursuing double doctoral degrees)

Shanghai Innovation Institute / SJTU, Shanghai, China   2024.9 – 2028.6 (expected)
PhD student in Aritificial Intelligence

Shanghai Jiao Tong University (SJTU), Shanghai, China   2022.9 – 2026.6 (expected)
MD student in Clinical Medicine

Beihang University, Beijing, China   2018.9 – 2022.6
B.Eng in Communications Engineering, Rank **2/60**

👥 Experience

Shanghai AI Lab Shanghai, China   2024.9 – Present
PhD student / research intern   mentor: Chaochao Lu

Paper ARise: Towards Knowledge-Augmented Reasoning via Risk-Adaptive Search (`first author`)
- **ACL 2025 Main**
- Topics: LLMs, test-time scaling, multi-hop reasoning, knowledge-intensive task
- Methods: monte carlo tree search, RAG, reward modeling

Project Causal Discovery-Enabled Multimodal Large Model (`core contributor`)
- Topics: MLLMs, causal discovery, benchmark, efficient reasoning
- Methods: reinforcement learning, distributed multi-GPU training, monte carlo tree search

Shanghai Ninth People's Hospital Shanghai, China   2023.9 – 2024.9
MD student   mentor: Xiaoxi Lin

Project Hemangioma and Vascular Malformation Diagnosis and Treatment Model (`core contributor`)
- Topics: healthcare AI, MLLMs, data annotation
- Methods: supervised fine-tuning, RAG, evaluation

♡ Honors and Awards

Beihang University outstanding graduate	2022
Beihang **0.5%** AVIC scholarship	2020
Beihang *3%* University special grade scholarship	2020
Beihang *5%* University outstanding student	2020
Beihang University first-class academic scholarship	2019
Beihang *Academy's highest honor* Instrument photoelectric star	2019
Anhui *Provincial first prize* **rank 28** National high school biology olympiad	2017

⚙ Miscellaneous

- Language: TOEFL **103**, Mandarin (native)
- Programming: Python > C, LaTex
- Hobbies: Basketball **National second-level athlete**