

Yiqi Zhu

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EDUCATION

High School Affiliated to Fudan University , Shanghai, China Student, Buqin College	2019.9 — 2022.6
Tsinghua University , Beijing, China Undergraduate, Department of Computer Science and Technology	2022.9 — Present GPA: 3.89 / 4.00

RESEARCH EXPERIENCE

Institute for AI Industry Research (AIR), Tsinghua University Research Intern, with Yang Liu and Peng Li Research Topics: <ul style="list-style-type: none">• Multimodal Large Language Model [4]• Visual Scene Understanding [2]• Language Model Based Agent [3]	2023.10 — Present
Language Technologies Institute, Carnegie Mellon University Research Intern, with Graham Neubig Research Topics: <ul style="list-style-type: none">• Coding Agent [1]	2025.6 — 2025.11

RESEARCH INTERESTS

AI Agent: building robust language agents to finish challenging tasks (e.g. discover scientific knowledge).
World Modeling: empowering foundation models with the ability of understanding and simulating the real world.
Foundation Model \cap Embodied AI: utilizing the generalization ability of (visual) foundation models to help with embodied scenarios and tasks.

RESEARCH OUTCOMES

- [1] **Training Versatile Coding Agents in Synthetic Environments**
Yiqi Zhu, Apurva Gandhi, Graham Neubig. Preprint.
- [2] **CoSpace: Benchmarking Continuous Space Perception Ability for Vision-Language Models**
Yiqi Zhu, Ziyue Wang*, Can Zhang, Peng Li, Yang Liu.* CVPR 2025.
- [3] **AIGS: Generating Science from AI-Powered Automated Falsification**
Zijun Liu, Kaiming Liu*, Yiqi Zhu*, Xuanyu Lei*, Zonghan Yang*, Zhenhe Zhang, Peng Li, Yang Liu.* Tech Report.
- [4] **Browse and Concentrate: Comprehending Multimodal Content via prior-LLM Context Fusion**
Ziyue Wang, Chi Chen*, Yiqi Zhu, Fuwen Luo, Peng Li, Ming Yan, Ji Zhang, Fei Huang, Maosong Sun, Yang Liu.* ACL 2024 (Oral).

PROJECT EXPERIENCE

Alzheimer’s Disease Diagnosis System, Software Engineering, 2023 Fall
The system is now being improved and used by Peking Union Medical College Hospital.

SKILLS

- **Language:** Native in Chinese; Fluent in English (Overall 8 in *IELTS*, Listening 8, Reading 9, Writing 7.5, Speaking 7).
- **Coding:** Python, C++, Rust, TypeScript, \LaTeX , ...