

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: 3.90 / 4.00

RESEARCH EXPERIENCE

Natural Language Processing LAB, Tsinghua University, Beijing, China
Institute for AI Industry Research (AIR), Tsinghua University, Beijing, China
Research Intern, with Prof. Yang Liu and Peng Li

2023.10 — Present
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Research Topics:

- Multimodal Large Language Models [3]
- Visual Scene Understanding [1]
- Language Model Agent System [2]

Research Interests:

- Foundation Model \cap Embodied AI
- World Modeling

RESEARCH OUTCOMES

[1] **CoSpace: Benchmarking Continuous Space Perception Ability for Vision-Language Models**
*Yiqi Zhu**, Ziyue Wang*, Can Zhang, Peng Li, Yang Liu.

[2] **AIGS: Generating Science from AI-Powered Automated Falsification**
*Zijun Liu**, Kaiming Liu*, **Yiqi Zhu***, Xuanyu Lei*, Zonghan Yang*, Zhenhe Zhang, Peng Li, Yang Liu.

[3] **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
Our 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 , ...

ACTIVITIES

- Member of Future Animation and Digital Game Student Technology Team, Tsinghua University
- Member of American Football Team, Tsinghua University

HONORS and AWARDS

- **Third Prize**, 36th National Physics Competition for High School Students,
- **Second Prize**, 37th National Physics Competition for High School Students
- **Tsinghua Friends - Tang Junyuan Scholarship**, Tsinghua University