SHI QIU

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EDUCATION

Peking University   2022.09 - now
Undergraduate student in Physics

RESEARCH INTEREST

My research interests revolve around Large Multimodal Models(LMMs), especially their evaluation and application for human society.

I'm holding a **U.S. permanent green card**, capable of **funding self-sponsored internships and research**, and eager to receive guidance from experienced mentors and experts.

PUBLICATIONS & PREPRINTS

*: equal contributions. Full publication list is in Google Scholar.

[1] **Shi Qiu***, Peng Xia*, Siwei Han*, Yiyang Zhou, Zhaoyang Wang, Wenhao Zheng, Zhaorun Chen, Chenhang Cui, Mingyu Ding, Linjie Li, Lijuan Wang, Huaxiu Yao, MMIE: Massive Multimodal Interleaved Comprehension Benchmark for Large Vision-Language Models, in *ICLR 2025*. [Paper] [Code] [2024.10]

[2] **Shi Qiu***, Yiyang Zhou*, Linjie Li*, Haibo Tong, Lijuan Wang, Huaxiu Yao, GLIMPSE: VideoLLMs Can Watch but Do They Truly Understand?, in *Under review 2025*. [2025.1]

[3] Yifan Yao, Xeron Du, Bingli Wang, Kaijing Ma, Minghao Liu, **Shi Qiu**, ..., Jiaheng Liu, Stephen Huang, Ge Zhang Scaling Large Language Model Evaluation to 286 Graduate-Level Disciplines, in *Under review 2025*. [2025.1]

[4] Haibo Tong, Zhaoyang Wang, Zhaorun Chen, Haonian Ji, **Shi Qiu**, Siwei Han, Zhongkai Xue, Yiyang Zhou, Peng Xia, Kexin Geng, Mingyu Ding, Rafael Rafailov, Chelsea Finn, Huaxiu Yao MJ-BENCH-VIDEO: A Fine-Grained Preference Dataset for Evaluating Reward Model of Text-to-Video Generation, in *Under review 2024*. [2025.1]

[5] Wangchunshu Zhou, Yuchen Eleanor Jiang, Long Li, Jialong Wu, **Shi Qiu**, Shuai Wang, Jiamin Chen, Tiannan Wang, Jintian Zhang, Jing Chen, Wentao Zhang, Jiyu Chen, Ruipu Wu, Shiding Zhu, Xiangru Tang, Peng Cui, Huajun Chen, Ningyu Zhang, Mrinmaya Sachan, Agents: An Open-source Framework for Autonomous Language Agents, [Paper], **Github 5.4k stars**[project] [2023.9]

HONORS AND AWARDS

Peking University Third Class Scholarship	**2024**
Peking University Excellence in Research Award	**2024**
Shu Qi Scholarship(top 5%)	**2023**
Youth Award For Athletics(Physics Major Representative)	**2023**

RESEARCH EXPERIENCES

Research Intern at the University of North Carolina at Chapel Hill   2024
Mentor: Prof. Huaxiu Yao

- Contributed to research on video LLMs alignment and perception. Proposed a benchmark called GLIMPSE to evaluate the perception capabilities of video LLMs, which consists of over 3,600 videos and more than 6,000 visual-centric questions (Answering these questions requires comprehensive understanding of the full

video). Released a reward model for comprehensive evaluation of generated videos, in project MJ-Bench-Video.

- Contributed to research on multimodal alignment and evaluation. Co-lead the project MMIE for constructing a novel benchmark for multimodal comprehension and reasoning, which contains 20,103 interleaved samples with mllm-as-as-judge scoring metric.

Research Intern at One NLP Lab in Peking University 2023-
Mentor: Xiaojun Wan

- Conducted research on multimodal reasoning and evaluation, with the project still in progress.

Research Intern at AIWaves 2023
Mentor: Wangchunshu Zhou

- Participated in research of Self-evolving Agents and autonomous framework for multi-agent systems. Received 5.4k stars on Github repo.

Project Leader of CourseCommunity 2023-
Website: CourseCommunity

- Proposed an open-source, all-for-free platform providing university course notes and self-study guides. Received over 5,000 views and 2,000 downloads at our self-curated website.

Research Participant at CUPT 2023

- Third Prize in the CUPT (China Undergraduate Physics Tournament) School Competition, as one of the Main Speakers in team

EXTRACURRICULAR ACTIVITIES

President of the Peking University Jump-Rope Team 2023-2024

- 29th place in the National Online Jump Rope Competition

- Beijing College Shuttlecock and Rope Skipping League: Men's 30-Second Double Under: First Place

- Mixed 1-on-1 30-Second Single Under: Second Place (Broke the event record)

- Consecutive Triple Under: Third Place

Class Monitor of Class 8 in the 22nd Undergraduate Cohort 2022-

- Managed class responsibilities, organized events, and facilitated communication between students and faculty.

Member of the Badminton Team 2022-

- Contributed to the team's 3rd place victory in the Beijing University Cup Badminton Team Competition.

Key Member of the Peking University Blockchain Association 2022-

- Actively engaged in discussions on blockchain technology and its potential applications in various industries.

- Participating in the formatting and refining of Solidity contract.

ACADEMIC SKILLS

English Skills

- – TOEFL **112** 2024
- – CET **696** 2023