

Zishuo Zheng

✉ zheng.2545@osu.edu [🏠 Homepage](#) [📄 Google Scholar](#) [in LinkedIn](#)

Education

- The Ohio State University** *PhD in Computer Science* Sep 2024 – May 2029
- Working with Prof. [Sachin Kumar](#) [🔗](#) on Multi-Agent System, RL training and safety of LLMs [1][2].
 - Web Agents and RAG.
- University of Chinese Academy of Sciences, Institute of Neuroscience** Sep 2020 – Jan 2024
MS in Computational Biology
- Developed a spiking neural network model of the hippocampus that unifies spatial and episodic memory.
- Xi'an Jiaotong University, China** *BS in Computer Science* Sep 2015 – Jun 2019
- Conducted research on network architecture search for convolutional neural networks [5].

Experience

- UMass Amherst** *Research Intern* Sep 2023 – Jan 2024
- Worked with Prof. [Chuang Gan](#) [🔗](#) on embodied multisensory models [3].
- Microsoft** *Software Development Engineer (SDE)* Jul 2019 – Aug 2020
- Led the development of the Microsoft patent “Risk Assessment of Firewall Rules in a Datacenter.”
- Microsoft Research Asia (MSRA)** *Research Intern* Jul 2018 – Jun 2019
- Designed compressed CNN models for real-time semantic segmentation in Skype and Teams.
- Momenta** *SDE Intern* May 2018 – Jul 2018
- Built UE4-based simulations for autonomous driving.

Ongoing Projects

Mult-Agent Cooperation
Emergent Misalignment

Publications

- [1] **Seeing Through Conflicts: Improving Instruction Hierarchy Alignment in Vision-Language Models.**
Nicholas Sansoterra, **Zishuo Zheng**, Sachin Kumar. (EMNLP UnderReview)
- [2] **Reasoning Up the Instruction Ladder for Controllable Language Models.**
Zishuo Zheng, Vidhisha Balachandran, Chan Young Park, Faeze Brahma, Sachin Kumar.
ACL Findings, 2026. [\[Paper\]](#) [🔗](#)
- [3] **MultiPLY: A Multisensory Object-Centric Embodied Large Language Model in 3D World.**
Yining Hong, **Zishuo Zheng**, Peihao Cheng, Yian Wang, Junyan Li, Chuang Gan.
CVPR, 2024. [\[Paper\]](#) [🔗](#)
- [4] **Interictal Heart Rate Variability as a Biomarker for Comorbid Depressive Disorders Among People With Epilepsy.**
Guliyemu Aimaier, Kun Qian, **Zishuo Zheng**, Weifeng Peng, Zhe Zhang, Jing Ding, Xin Wang.
Brain Sciences, 2022. [\[Paper\]](#) [🔗](#)
- [5] **Multitask Learning With Enhanced Modules.**
Zishuo Zheng, Yadong Wei, Zixu Zhao, Xindi Wu, Zhengcheng Li, Pengju Ren.
IEEE 23rd International Conference on Digital Signal Processing, 2018. [\[Paper\]](#) [🔗](#)