

Zongxia Li

✉ zli12321@umd.edu 🌐 [Website](#)
College Park, MD

EDUCATION

University of Maryland, College Park	May 2022-Present
<i>Ph.D. of Science in Computer Science</i>	GPA: 3.50/4.0
University of Maryland, College Park	2018-2022
<i>Bachelor of Science in Computer Science</i>	GPA: 3.84/4.0
University of Maryland, College Park	2018-2022
<i>Bachelor of Science in Mathematics</i>	GPA: 3.84/4.0

RESEARCH INTERESTS

Large Language Models, Multimodal Models, RL finetuning, supervised finetuning, Human AI Interaction, Evaluation, Diffusion

SKILLS

Languages: Python, C, R, Java, JavaScript
Frameworks/Tools: Pytorch, sqlite, HTML/CSS, L^AT_EX

RELATED PUBLICATION

1. (Post-Training) Zongxia Li, Wenhao Yu, Chengsong Huang, Zhenwen Lian1, Rui Liu, Fuxiao Liu, Jingxi Chen, et al. **Self-Rewarding Vision-Language Model via Reasoning Decomposition**. Preprint, 2025
2. (Post-Training) Chengsong Huang, Wenhao Yu, Xiaoyang Wang, Hongming Zhang, Zongxia Li, Ruosen Li, Jiaxin Huang, et al. **R-Zero: Self-Evolving Reasoning LLM from Zero Data**. Preprint, 2025
3. (Post-Training) Zongxia Li, Xiyang Wu, et al. **VideoHallu: Evaluating and Mitigating Multi-modal Hallucinations on Synthetic Video Understanding**. Neurips, 2025
4. (Survey) Zongxia Li, Xiyang Wu, et al. **A Survey of State of the Art Large Vision Language Models: Benchmark Evaluations and Challenges**. In CVPR workshop, 2025
5. (Human AI Interaction) Zongxia Li, Lorena Calvo-Bartolomé, et al. **Large Language Models Struggle to Describe the Haystack without Human Help: Human-in-the-loop Evaluation of LLMs** Advised by Prof. Jordan Boyd-Graber. In ACL, 2025
6. (Evaluation) Zongxia Li, Ishani Mondal, et al. **PEDANTS: Cheap but Effective and Interpretable Answer Equivalence** Advised by Prof. Jordan Boyd-Graber. In Findings of EMNLP, 2024
7. (Evaluation, Human-Centric NLP) Zongxia Li, Andrew Mao, et al. **Improving the TENOR of Labeling: Re-evaluating Topic Models for Content Analysis** Advised by Prof. Jordan Boyd-Graber. In EACL, 2024
8. (Multimodality) Ishani Mondal, Zongxia Li, et al. **SciDoc2Diagrammer-MAF: Towards Generation of Scientific Diagrams from Documents guided by Multi-Aspect Feedback Refinement**. In Findings of EMNLP, 2024
9. (Multimodality, evaluation) Tianrui Guan, Fuxiao Liu, Xiyang Wu, Zongxia Li, et al. **HallusionBench: an advanced diagnostic suite for entangled language hallucination and visual illusion in large vision-language models**. In CVPR, 2024

EXPERIENCE

National Institute of Technology, College Park, USA

- *Graduate Research Assistant, Manager: Juan Fung, May 2023 - May 2024*

- Developed ML models for content analysis and data exploration.
- Ablation study to evaluate how users learn from large sets of documents

Adobe, Document Intelligence Lab, College Park, USA

- *Research Assistant Intern, Manager: Ani Nenkova, May 2024 - Aug 2024*

- Use panel of Judges to improve the expert human correlation for long-form text generation.
- Conclude that LLMs are more reliable evaluators than low-quality crowdsource evaluations.

Tencent AI Lab, Bellvue, USA

- *Research Assistant Intern, Manager: Wenhao Yu, May 2025 - Aug 2025*

- Self-Evolving Large Language Models and Vision-Language Models through reinforcement learning
- Grounding large Multimodal models on visual understanding using reinforcement learning and self reward

AWARDS

NIST Fellowship Awards

Lambda Research Grant Sponsorship