

Xiaohan Zou

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Education

Pennsylvania State University	State College, PA
Ph.D. in Computer Science and Engineering	08/2023 - 05/2027 (Expected)
<i>Advisors: Prof. George Kesidis & Prof. Lu Lin</i>	
Boston University	Boston, MA
M.S. in Computer Science	09/2021 - 01/2023
Tongji University	Shanghai, China
B.Eng. in Software Engineering	09/2016 - 07/2020

Papers (also see [Google Scholar](#))

Publications

- P1 **Understanding and Rectifying Safety Perception Distortion in Vision Language Models**
[Xiaohan Zou](#), Jian Kang, George Kesidis, Lu Lin
Conference on Neural Information Processing Systems (NeurIPS), 2025
- P2 **Learning Conditional Space-Time Prompt Distributions for Video Class-Incremental Learning**
[Xiaohan Zou](#), Wenchao Ma, Shu Zhao
*IEEE / CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2025, **Highlight***
- P3 **Leveraging an LLM-Enhanced Bilingual Conversational Agent for EFL Children's Dialogic Reading: Insights from Children, Parents, and Educators**
Feiwen Xiao, Zhaohui Li, Jiaju Lin, [Xiaohan Zou](#), Dandan Yang, Wenting Zou, Jinjun Xiong
Computers and Education: Artificial Intelligence, 2025
- P4 **StoryLab: Empowering Personalized Learning for Children through Teacher-Guided Multimodal Story Generation**
Zhaohui Li, Feiwen Xiao, Jiaju Lin, [Xiaohan Zou](#), Qingxiao Zheng, Jinjun Xiong
International Conference on Artificial Intelligence in Education (AIED), 2025, Short Paper
- P5 **Efficient Meta-Learning for Continual Learning with Taylor Expansion Approximation**
[Xiaohan Zou](#), Tong Lin
*International Joint Conference on Neural Networks (IJCNN), 2022, **Oral***
- P6 **To be an Artist: Automatic Generation on Food Image Aesthetic Captioning**
[Xiaohan Zou](#), Cheng Lin, Yinjia Zhang, Qinpei Zhao
*International Conference on Tools with Artificial Intelligence (ICTAI), 2020, **Oral***
- P7 **A Survey on Application of Knowledge Graph**
[Xiaohan Zou](#)
International Conference on Control Engineering and Artificial Intelligence (CCEAI), 2020

Preprints

- R1 **Reconstruct before Query: Continual Missing Modality Learning with Decomposed Prompt Collaboration**
Shu Zhao, [Xiaohan Zou](#), Tan Yu, Huijuan Xu
2024
- R2 **TokenFlow: Rethinking Fine-grained Cross-modal Alignment in Vision-Language Retrieval**
[Xiaohan Zou](#), Changqiao Wu, Lele Cheng, Zhongyuan Wang
2022

Experience

Oracle AI · Evaluation Team Redwood, CA
GenAI Research Intern (*Mentors: Roshan Sridhar & Mohammadtaher Safarzadeh*) 2025
Topic: VLM-as-a-Judge

Pennsylvania State University State College, PA
Research Assistant (*Advisors: Lu Lin & George Kesidis*) 2024 - Present
Topic: Safety of Vision Language Models (P1)
Research Assistant 2023 - 2024
Topic: Video Continual Learning (P2) & Continual Missing Modality Learning (R1)

Boston University Boston, MA
Graduate Research Intern (*Advisor: Bryan Plummer*) 2022 - 2023
Topic: Parameter-Efficient Continual Learning

Kuaishou Technology · Intelligent Creation Team Beijing, China
Machine Learning Engineer Intern (*Mentor: Changqiao Wu*) 2021 - 2022
Topic: Video/Image-Text Retrieval (R2)

Peking University Remote
Research Intern (*Advisor: Tong Lin*) 2020 - 2022
Topic: Meta-Learning for Continual Learning (P5)

China Electronics Technology Group Corporation Chongqing, China
Software Engineer Intern 2020 - 2021
Helped develop a security visualization system for an archaeological site. (Tech stacks: Vue, CesiumJS)

Banana Interactive Shanghai, China
Game Engineer Intern 2019 - 2020
Developed and maintained three HTML5 games. (Tech stacks: JavaScript, Affinity Designer)

Awards & Honors

Bronze, China Collegiate Programming Contest (CCPC) 2018
Second Prize, China Mathematical Contest in Modeling (CUMCM) 2017, 2018
Second Prize, Tongji University Programming Contest 2017, 2018
Second Prize, East China Normal University Programming Contest 2017

Professional Services

Conference Reviewer for AAAI, NeurIPS, CVPR, ICLR, AIED, BigData
Vice Chief Technology Officer & Chief Experience Officer at Tongji Microsoft Student Club 2018 - 2019

Teaching Assistant

PSU CMPSC 360 Discrete Mathematics Fall 2025, Spring 2025
PSU CMPSC 465 Data Structures and Algorithms (PSU) Fall 2024

Skills

Programming Languages: Python, JavaScript / TypeScript, HTML / CSS, Java, C++, MATLAB
Tools and Frameworks:  PyTorch,  Vue,  React,  Flask,  Django,  Linux,  Git,  L^AT_EX
Languages: Chinese (native), English (proficient)