

# Xiaohan Zou

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## Education

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

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

### Preprints

- R1 **Understanding and Rectifying Safety Perception Distortion in Vision Language Models**  
[Xiaohan Zou](#), Jian Kang, George Kesidis, Lu Lin  
*In Submission, 2025*
- R2 **Reconstruct before Query: Continual Missing Modality Learning with Decomposed Prompt Collaboration**  
Shu Zhao, [Xiaohan Zou](#), Tan Yu, Huijuan Xu  
*In Submission, 2025*
- R3 **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  
*In Submission, 2025*
- R4 **TokenFlow: Rethinking Fine-grained Cross-modal Alignment in Vision-Language Retrieval**  
[Xiaohan Zou](#), Changqiao Wu, Lele Cheng, Zhongyuan Wang  
*Preprint, 2022*

### Publications

- P1 **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***
- P2 **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*
- P3 **Efficient Meta-Learning for Continual Learning with Taylor Expansion Approximation**  
[Xiaohan Zou](#), Tong Lin  
*International Joint Conference on Neural Networks (IJCNN), 2022, **Oral***
- P4 **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***
- P5 **A Survey on Application of Knowledge Graph**  
[Xiaohan Zou](#)  
*International Conference on Control Engineering and Artificial Intelligence (CCEAI), 2020*

## Experience

<b>Oracle Cloud Infrastructure</b> GenAI Research Intern <i>Topic: VLM-as-a-Judge</i>	Redwood, CA 2025
<b>Pennsylvania State University</b> Research Assistant (Advisor: Prof. <a href="#">Lu Lin</a> & Prof. <a href="#">George Kesidis</a> ) <i>Topic: Safety of Multimodal Large Language Models (R1)</i> Research Assistant <i>Topic: Video Continual Learning (P1) &amp; Continual Missing Modality Learning (R2)</i>	State College, PA 2024 - Present 2023 - 2024
<b>Boston University</b> Graduate Research Intern (Advisor: Prof. <a href="#">Bryan Plummer</a> ) <i>Topic: Parameter-Efficient Continual Learning</i>	Boston, MA 2022 - 2023
<b>Kuaishou Technology</b> · Intelligent Creation Team Machine Learning Engineer Intern (Mentor: <a href="#">Changqiao Wu</a> ) <i>Topic: Video/Image-Text Retrieval (R4)</i>	Beijing, China 2021 - 2022
<b>Peking University</b> Research Intern (Advisor: Prof. <a href="#">Tong Lin</a> ) <i>Topic: Meta-Learning for Continual Learning (P3)</i>	Remote 2020 - 2022
<b>China Electronics Technology Group Corporation</b> Software Engineer Intern <i>Participated in developing a security visualization system for an archaeological site. (Tech stacks: Vue, CesiumJS)</i>	Chongqing, China 2020 - 2021
<b>Banana Interactive</b> Game Engineer Intern <i>Developed and maintained three HTML5 games. (Tech stacks: JavaScript, Affinity Designer)</i>	Shanghai, China 2019 - 2020

## Awards & Honors

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








## Professional Services

<b>Conference Reviewer</b> for NeurIPS 2023	
<b>Vice Chief Technology Officer &amp; Chief Experience Officer</b> at Tongji Microsoft Student Club	2018 - 2019

## Teaching Assistant

CMPSC 360 Discrete Mathematics (PSU)	Spring 2025
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,  $\text{\LaTeX}$   
**Languages:** Chinese (native), English (proficient)