

SHU ZHAO

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EDUCATION

- The Pennsylvania State University–University Park** *Aug. 2022 - Jun. 2027 (expected)*
Ph.D. in Computer Science *Pennsylvania, USA*
- University of Chinese Academy of Sciences** *Sep. 2018 - Jun. 2021*
M.E. in Computer Technology *Beijing, China*
- Anhui University** *Sep. 2013 - Jun. 2017*
B.E. in Information Security *Anhui, China*

PUBLICATIONS

- 1. Reconstruct before Query: Continual Missing Modality Learning with Decomposed Prompt Collaboration.**
arXiv:2403.11373. 2024. In Submission.
Shu Zhao, Xiaohan Zou, Tan Yu, Huijuan Xu.
- 2. Less is More: Toward Zero-Shot Local Scene Graph Generation via Foundation Models.**
arXiv:2310.01358. 2023. In Submission.
Shu Zhao, Huijuan Xu.
- 3. NEUCORE: Neural Concept Reasoning for Composed Image Retrieval.**
UniReps Workshop @ Neural Information Processing Systems (**NeurIPS Workshop**). 2023.
Shu Zhao, Huijuan Xu.
- 4. Rescuing Deep Hashing from Dead Bits Problem.**
International Joint Conference on Artificial Intelligence (**IJCAI**), 2021.
Shu Zhao, Dayan Wu, Yucan Zhou, Bo Li, Weiping Wang.
- 5. Asymmetric Deep Hashing for Efficient Hash Code Compression.**
ACM International Conference on Multimedia (**ACM MM**), 2020. (**Oral**)
Shu Zhao, Dayan Wu, Wanqian Zhang, Yu Zhou, Bo Li, Weiping Wang.
- 6. Technical Report for EPIC-KITCHENS-100 2021 Multi-Instance Retrieval Challenge.**
Workshop on EPIC-Kitchens Challenges, in conjunction with CVPR (**CVPR Workshop 2021**). (**Ranked 1st**)
Xiaoshuai Hao, Wanqian Zhang, Dejie Yang, **Shu Zhao**, Dayan Wu, Bo Li, Weiping Wang.

RESEARCH EXPERIENCE

- Research Intern. Baidu Research, Beijing** *Apr. 2022 - Jul. 2022*
Advised by Dr. Tan Yu
Topic: Large Multimodal Models for Image Retrieval
- Research Assistant. IIE, Chinese Academy of Sciences, Beijing** *Mar. 2019 - Jun. 2021*
Advised by Prof. Dayan Wu and Prof. Bo Li
Topic: Deep Image Hashing

REVIEW SERVICES

- Computer Vision and Pattern Recognition (CVPR). 2024.
- Annual Conference on Neural Information Processing Systems (NeurIPS). 2023.
- ACM International Conference on Multimedia (ACM MM). 2022-2024.