

Yuyang Zhao

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EDUCATION

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|--|------------------------|
| School of Computing, National University of Singapore, Singapore | Aug. 2021 – May 2025 |
| • <i>Ph.D. Candidate</i> in Computer Science.
Supervisor: Associate Professor Gim Hee Lee | |
| School of Qiushi Honors, Tianjin University, China | Sept. 2016 – Jun. 2020 |
| • <i>Bachelor of Engineering</i> in Electronic Information Engineering.
GPA: 3.83/4.0. | |

RESEARCH INTEREST

Generative AI, Domain Generalization, Semantic Segmentation

SELECTED PUBLICATIONS & PREPRINTS

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- Yuyang Zhao, Chung-Ching Lin, Kevin Lin, Zhiwen Yan, Linjie Li, Zhengyuan Yang, Jianfeng Wang, Gim Hee Lee and Lijuan Wang. **GenXD: Generating Any 3D and 4D Scenes**. *Arxiv*.   
 - Yuyang Zhao, Zhiwen Yan, Enze Xie, Lanqing Hong, Zhenguo Li, and Gim Hee Lee. **Animate124: Animating One Image to 4D Dynamic Scene**. *Arxiv*.   
 - Yuyang Zhao, Enze Xie, Lanqing Hong, Zhenguo Li, and Gim Hee Lee. **Make-A-Protagonist: Generic Video Editing with An Ensemble of Experts**. *Arxiv*.   
 - Seungjun Lee*, Yuyang Zhao*, and Gim Hee Lee. **Segment Any 3D Object with Language**. *Arxiv*.   
 - Tao Hu, Wenhang Ge, Yuyang Zhao, and Gim Hee Lee. **X-Ray: A Sequential 3D Representation for Generation**. In *NeurIPS 2024 (spotlight)*.   
 - Yuyang Zhao, Zhun Zhong, Na Zhao, Nicu Sebe, and Gim Hee Lee. **Style-Hallucinated Dual Consistency Learning: A Unified Framework for Visual Domain Generalization**. *IJCV 2023*.  
 - Yuyang Zhao, Zhun Zhong, Na Zhao, Nicu Sebe, and Gim Hee Lee. **Style-Hallucinated Dual Consistency Learning for Domain Generalized Semantic Segmentation**. In *ECCV 2022*.  
 - Yuyang Zhao, Zhun Zhong, Nicu Sebe, and Gim Hee Lee. **Novel Class Discovery in Semantic Segmentation**. In *CVPR 2022*.   
 - Zhun Zhong*, Yuyang Zhao*, Gim Hee Lee, and Nicu Sebe. **Adversarial Style Augmentation for Domain Generalized Urban-Scene Segmentation**. In *NeurIPS 2022*. 
 - Yuyang Zhao*, Zhun Zhong*, Fengxiang Yang, Zhiming Luo, Shaozi Li, and Nicu Sebe. **Learning to Generalize Unseen Domains via Memory-based Multi-source Meta-learning for Person Re-identification**. In *CVPR 2021*.  
 - Yuyang Zhao*, Zhun Zhong*, Zhiming Luo, Gim Hee Lee, and Nicu Sebe. **Source-free Open Compound Domain Adaptation in Semantic Segmentation**. *IEEE TCSVT 2022*.  

(* denotes Equal Contribution.)

WORK EXPERIENCES

- Research Intern at GenAI, Microsoft, Redmond, USA.**
 - *Topic:* 3D and 4D Generation
 - *Mentor:* Chung-Ching Lin and Lijuan Wang

Apr. 2024 – Aug. 2024
- Research Intern at AI Theory, Huawei, Hong Kong.**
 - *Topic:* Video Generation and 4D Generation
 - *Mentor:* Enze Xie

Mar. 2023 – Mar. 2024

PROFESSIONAL SERVICE

- **Conference Reviewer:** CVPR, ECCV, ICCV, NeurIPS, ICLR, ICML
- **Journal Reviewer:** IJCV, IEEE TPAMI, IEEE TMM, IEEE TCSVT

HONORS AND AWARDS

- **Outstanding Self-financed Students Abroad (45 of all Chinese PhD students in Singapore)**
 - **Outstanding Reviewer Award**
 - **NUS Research Achievement Award**
 - **NUS Research Scholarship**
 - **Outstanding Undergraduate Student**

Singapore, 2023

ICML, 2022

National University of Singapore, 2023

National University of Singapore, 2021

Tianjin University, 2020