

Yujiang Pu

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Education

- 2023 – Now **Michigan State University**, East Lansing, MI, United States
Ph.D. Student, Advisor: *Dr. Yu Kong*
Research: Vision-Language Modeling, Diffusion Models, Video Generation
- 2016 – 2023 **Communication University of China**, Beijing, China
Bachelor & Master, Advisor: *Dr. Xiaoyu Wu*
Research: Computer Vision, Action Recognition, Video Anomaly Detection

Selected Publications

- Preprint **Yujiang Pu**, Zhanbo Huang, Vishnu Boddeti, and Yu Kong, "Show Me: Generating Instructional Videos with Diffusion Models", submitted to ICCV 2025.
- Preprint Wenliang Guo, **Yujiang Pu**, and Yu Kong, "Procedural Mistake Detection via Action Effect Modeling", submitted to ICCV 2025.
- ECCV 2024 Zixu Cheng*, **Yujiang Pu***, Shaogang Gong, Parisa Kordjamshidi, and Yu Kong, "SHINE: Saliency-aware Hlerarchical NEgative Ranking for Compositional Temporal Grounding". In *European Conference on Computer Vision*, 2024. (* Equal Contribution)
- TIP 2024 **Yujiang Pu**, Xiaoyu Wu, Lulu Yang, and Shengjin Wang, "Learning Prompt-Enhanced Context Features for Weakly-Supervised Video Anomaly Detection". In *IEEE Transactions on Image Processing*. (IF=10.8)
- ICME 2022 **Yujiang Pu** and Xiaoyu Wu, "Locality-aware Attention Network with Discriminative Dynamics Learning for Weakly Supervised Anomaly Detection". In *IEEE International Conference on Multimedia and Expo*, 2022.
(Oral)
- Neuro-computing **Yujiang Pu**, Xiaoyu Wu, Shengjin Wang, Yuming Huang, Zihao Liu, Chaonan Gu, "Semantic Multimodal Violence Detection based on Local-to-Global Embedding". In *Neurocomputing*, 2022.
- ICCECE 2022 **Yujiang Pu** and Xiaoyu Wu, "Audio-guided attention network for weakly supervised violence detection". In *International Conference on Consumer Electronics and Computer Engineering*, 2022.

Professional Skills

Programing Python, PyTorch, MATLAB, Linux, L^AT_EX, Git

Language Chinese (native), and English (fluent)

Academic Services

Conference International Conference on Computer Vision, ICCV 2025

Reviewers The IEEE/CVF Conference on Computer Vision and Pattern Recognition, CVPR 2024, 2025

European Conference on Computer Vision, ECCV 2024

Association for the Advancement of Artificial Intelligence, AAAI 2024

Conference and Workshop on Neural Information Processing Systems, NeurIPS 2023

International Conference on Pattern Recognition, ICPR 2020

Journal IEEE Transactions on Image Processing

Reviewers IEEE Transactions on Multimedia

ACM Computing Surveys

Journal of Visual Communication and Image Representation