

HAONING WU

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EDUCATION

Shanghai Jiao Tong University (SJTU), Shanghai, China 2022 – Present

PhD candidate in Electronics Engineering (EE)

Advisors: Prof. Weidi Xie, Prof. Ya Zhang

Shanghai Jiao Tong University (SJTU), Shanghai, China 2018 – 2022

B.S. in Information Engineering, IEEE honour class

INTERNSHIPS

Shanghai AI Laboratory, Shanghai, China 2024.4 – Present

Research intern in AI4Medicine

Mentors: Prof. Weidi Xie, Prof. Ya Zhang

RESEARCH INTERESTS

- Computer Vision, Generative Models, AI4Medicine, AI4Sports.

PREPRINTS

- Jiayuan Rao*, **Haoning Wu***, Chang Liu, Yanfeng Wang, Weidi Xie. *MatchTime: Towards Automatic Soccer Game Commentary Generation*, arxiv 2024, Under Review.
- **Haoning Wu***, Shaocheng Shen*, Qiang Hu, Xiaoyun Zhang, Ya Zhang, Yanfeng Wang. *MegaFusion: Extend Diffusion Models towards Higher-resolution Image Generation without Further Tuning*, arxiv 2024, Under Review.

PUBLICATIONS

- Chang Liu*, **Haoning Wu***, Yujie Zhong, Xiaoyun Zhang, Yanfeng Wang, Weidi Xie. *Intelligent Grimm - Open-ended Visual Storytelling via Latent Diffusion Models*, CVPR 2024.
- Qiuwen Wang, Shuai Guo, **Haoning Wu**, Rong Xie, Wenjun Zhang. *NeRF-SDP: Efficient Generalizable Neural Radiance Field with Scene Depth Perception*, ACM Multimedia Asia, 2023. (**Oral**)
- **Haoning Wu**, Xiaoyun Zhang, Weidi Xie, Ya Zhang, Yanfeng Wang. *Boost Video Frame Interpolation via Motion Adaptation*, BMVC 2023. (**Oral**)
- BaisongGuo*, Xiaoyun Zhang*, **Haoning Wu**, Yu Wang, Ya Zhang, Yanfeng Wang. *LAR-SR: A Local Autoregressive Model for Image Super-Resolution*, CVPR 2022.

SERVICES

Conference Paper Reviewer & Program Committee

- Computer Vision and Pattern Recognition (CVPR) 2023, 2024
- European Conference on Computer Vision (ECCV) 2024
- International Conference on Computer Vision (ICCV) 2023
- ACM Multimedia (ACM MM) 2024
- British Machine Vision Conference (BMVC) 2024
- AAAI Conference on Artificial Intelligence (AAAI) 2025

Teaching Assistant

- EE208: Introduction to Electrical Engineering C, SJTU Fall, 2022-2023

Others

- Cluster Server Administrator of MediaBrainGroup@SJTU 2023-2024

HONORS AND AWARDS

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|-------------------------------------|-----------|
| • China National Scholarship | 2020-2021 |
| • SJTU School Scholarship B Prize | 2020-2021 |
| • SJTU School Scholarship C Prize | 2019-2020 |

SKILLS

- Python, PyTorch, TensorFlow, C/C++, Linux

MISCELLANEOUS

- HomePage: <https://haoningwu3639.github.io>
- GitHub: <https://github.com/haoningwu3639>
- Languages: English - Fluent, Mandarin - Native speaker