

# 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 GenAI & AI4Medicine

Mentors: Prof. Weidi Xie, Prof. Ya Zhang

## RESEARCH INTERESTS

- Computer Vision, Generative Models, AI4Medicine, AI4Sports.

## PREPRINTS

- **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

- Jiayuan Rao\*, **Haoning Wu\***, Chang Liu, Yanfeng Wang, Weidi Xie. *MatchTime: Towards Automatic Soccer Game Commentary Generation*, EMNLP 2024.
- 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)**
- Baisong Guo\*, 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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- |                                     |           |
|-------------------------------------|-----------|
| • <b>China National Scholarship</b> | 2020-2021 |
| • SJTU School Scholarship B Prize   | 2020-2021 |
| • SJTU School Scholarship C Prize   | 2019-2020 |

## SKILLS

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

## MISCELLANEOUS

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