Ziqi Zhou

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Education

Rochester Institute of Technology, Rochester, NY   Aug. 2024 – Present
Ph.D. in Computing and Information Sciences.   Advisor: Prof. Zhiqiang Tao ⌂
Nanjing University, Nanjing, China   Sep. 2020 – Jun. 2023
M.Sc. in Computer Science and Technology.   Advisor: Prof. Yinghuan Shi ⌂
Nanjing Normal University, Nanjing, China   Sep. 2016 – Jun. 2020
B.Eng. in Computer Science and Technology.   Advisor: Prof. Wanqi Yang ⌂

Publications

1. Junfei Xiao, **Ziqi Zhou**, Wenxuan Li, Shiyi Lan, Jieru Mei, Zhiding Yu, Bingchen Zhao, Alan Yuille, Yuyin Zhou, Cihang Xie. *A Semantic Space is Worth 256 Language Descriptions: Make Stronger Segmentation Models with Descriptive Properties*, arXiv, 2023. 📄 ⌂

2. **Ziqi Zhou**, Lei Qi, Yinghuan Shi. *Generalizable Medical Image Segmentation via Random Amplitude Mixup and Domain-Specific Image Restoration*. European Conference on Computer Vision (**ECCV**), 2022. 📄 ⌂

3. **Ziqi Zhou**, Lei Qi, Xin Yang, Dong Ni, Yinghuan Shi. *Generalizable Cross-modality Medical Image Segmentation via Style Augmentation and Dual Normalization*. IEEE/CVF Conference on Computer Vision and Pattern Recognition (**CVPR**), 2022. 📄 ⌂

4. Xiaoting Han, Lei Qi, Qian Yu, **Ziqi Zhou**, Yefeng Zheng, Yinghuan Shi, and Yang Gao. *Deep Symmetric Adaptation Network for Cross-modality Medical Image Segmentation*. IEEE Transactions on Medical Imaging (**TMI**), 2021. 📄 ⌂

5. **Ziqi Zhou***, Xinna Guo*, Wanqi Yang, Yinghuan Shi, Luping Zhou, Lei Wang, and Ming Yang. *Cross-Modal Attention-Guided Convolutional Network for Multi-Modal Cardiac Segmentation*. Machine Learning in Medical Imaging @ MICCAI (**MLMI**), 2019. 📄

Internship

Bosch Center for Artificial Intelligence   Jun. 2024 – Aug. 2024
Research Intern, worked with Dr. Chaithanya Kumar Mummadi and Dr. Qiu Chen   Pittsburgh, PA
SenseTime   Jun. 2022 – Nov. 2022
Research Intern, worked with Wei Li   Beijing, China

Honors & Awards

- **4th Place**, The 8th CCF BDCI Remote Sensing Image Segmentation, 10,000 RMB Bonus ⌘   2020
- **Outstanding Graduate Student**, Nanjing University   2023
- **Excellent Master Thesis (Nominee)**, Department of Computer Science and Technology, NJU   2023
- **National Scholarship**, Ministry of Education of P.R. China   2022
- **Outstanding Undergraduate Student Scholarship**, Nanjing Normal University   2017-2020

Academic Services

Reviewer for **CVPR, ICCV, ECCV, NeruIPS, TPAMI, TMI, JBHI**.