

ZIQU ZHOU

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EDUCATION

Rochester Institute of Technology, Rochester, NY Aug. 2024 – Present

Ph.D. student in Computing and Information Sciences, Supervised by Prof. Zhiqiang Tao 🏠

Nanjing University, Nanjing, China Sep. 2020 – Jun. 2023

Master student in Computer Science, Supervised by Prof. Yinghuan Shi 🏠

Nanjing Normal University, Nanjing, China Sep. 2016 – Jun. 2020

Bachelor student in Computer Science, Supervised by Prof. Wanqi Yang 🏠

PUBLICATIONS

1. J. Xiao, **Z. Zhou**, W. Li, S. Lan, J. Mei, Z. Yu, B. Zhao, A. Yuille, Y. Zhou, and C. Xie. *A Semantic Space is Worth 256 Language Descriptions: Make Stronger Segmentation Models with Descriptive Properties*, arXiv, 2023. 🔖 🔗
2. **Z. Zhou**, L. Qi, and Y. Shi. *Generalizable Medical Image Segmentation via Random Amplitude Mixup and Domain-Specific Image Restoration*, in European Conference on Computer Vision (ECCV), 2022. 🔖 🔗
3. **Z. Zhou**, L. Qi, X. Yang, D. Ni, and Y. Shi. *Generalizable Cross-modality Medical Image Segmentation via Style Augmentation and Dual Normalization*, in IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2022. 🔖 🔗
4. X. Han, L. Qi, Q. Yu, **Z. Zhou**, Y. Zheng, Y. Shi, and Y. Gao. *Deep Symmetric Adaptation Network for Cross-modality Medical Image Segmentation*, in IEEE Transactions on Medical Imaging (TMI), 2021. 🔖 🔗
5. **Z. Zhou***, X. Guo*, W. Yang, Y. Shi, L. Zhou, L. Wang, and M. Yang. *Cross-Modal Attention-Guided Convolutional Network for Multi-Modal Cardiac Segmentation*, in Machine Learning in Medical Imaging @ MICCAI (MLMI), 2019. 🔖

INTERNSHIP

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

Conference Reviewer

- IEEE Conference on Computer Vision and Pattern Recognition (CVPR) 2022-2024
- IEEE International Conference on Computer Vision (ICCV) 2023
- European Conference on Computer Vision (ECCV) 2022, 2024
- Conference on Neural Information Processing Systems (NeurIPS) 2023
- Asian Conference on Computer Vision (ACCV) 2024

Journal Reviewer

- IEEE Transactions on Pattern Analysis and Machine Intelligence (**TPAMI**)
- IEEE Transactions on Medical Imaging (**TMI**)
- IEEE Journal of Biomedical and Health Informatics (**JBHI**)