

ZIQU ZHOU

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EDUCATION

Rochester Institute of Technology, Rochester, NY
Ph.D. student in Computing and Information Sciences.
Nanjing University, Nanjing, China
Master student in Computer Science.
Nanjing Normal University, Nanjing, China
Bachelor student in Computer Science.

Aug. 2024 – Present
Advisor: Prof. Zhiqiang Tao 🏠
Sep. 2020 – Jun. 2023
Advisor: Prof. Yinghuan Shi 🏠
Sep. 2016 – Jun. 2020
Advisor: 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

Bosch Center for Artificial Intelligence Jun. 2024 – Aug. 2024
Research Intern, worked with Dr. Qiu Chen and Dr. Chaithanya Kumar Mummadi 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.