

# ZIQUI ZHOU

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## EDUCATION

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**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

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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*. European Conference on Computer Vision (ECCV), 2024. 📄 🔗
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

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**Bosch Center for Artificial Intelligence**

Jun. 2024 – Aug. 2024

Research Intern, worked with Dr. Chaithanya Kumar Mummadi and Dr. Chen Qiu Pittsburgh, PA

**SenseTime**

Jun. 2022 – Nov. 2022

Research Intern, worked with Wei Li

Beijing, China

## HONORS & AWARDS

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- **4<sup>th</sup> 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

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