Li Yang

Contact Information

Mathematics and Applied Mathematics
School of Mathematics
Sun Yat-sen University West Xingang Road
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Education

Sun Yat-sen University

B.S. in Mathematics and Applied Mathematics, Expected June 2022

- GPA - 3.8/4.0

Honors and Awards

2019–2020 Sun Yat-sen Excellent Student Scholarship
Sun Yat-sen University

2019 **National 3rd Class Prize** in Global Management Challenge
GMC China

Publications

L. Yang, H. Guanghui, and L. Xiujian, "DCNet: Densely Connected Deep Convolutional Encoder Decoder Network for Nasopharyngeal Carcinoma Segmentation," Sensors, vol. 21, p. 7877, 2021.

Another paper has been submitted but not been oncamera till now.

Scientific Research Experience

2020.9-2021.3 Holistic and Deep Pyramid Feature & Saliency GAN
Advisor: Prof. Heye Zhang, School of Biomedical Engineering, Sun Yat-sen University

2021.3-2021.11 DCNet for Nasopharygneal Carcinoma Segmentation
Advisor: Prof. Zhifan Gao, School of Biomedical Engineering, Sun Yat-sen University.

2021.2-2021.7 Seminar for postgraduate: Compressed Sensing, Optimal Transport, Deep Learning, etc.
Advisor: Prof. Jia Li, School of Mathematics, Sun Yat-sen University.

2021.11- 2022.3 Applied Geometry Group: Application of Computational Conformal Geometry to Computer Vision
Advisor: Prof. Xiping Zhu and Zhihong Huang, School of Mathematics, Sun Yat-sen University.

2022.7- present Multiview Stereo via Polarized Lighting
Advisor: Prof. Yingcong Chen, Information Hub & Dr. Nianjuan Jiang, R & D Center, SmartMore Co. Ltd.
Hong Kong University of Science and Technology (GZ Campus) & SmartMore Joint Lab

Work Experience

2021.6–2021.9 Research Associate Intern
PCITECH Traffic Brain Research Institute
PCITECH China

2022.7–present Research Assistant Intern
SmartMore Corporation Limited Industry R & D Center
SmartMore

Relevant Skills

Languages Python, Matlab, TensorFlow, Pytorch
Source code of the proposed models is available on my github.

References

Jia, Li, the Associate Professor of School of Mathematics, Sun Yat-sen University
Zhifan, Gao, the Associate Professor of School of Biomedical Engineering, Sun Yat-sen University

He is the thesis advisor of my research *DCNet: Densely Connected Deep Convolutional Encoder-Decoder Network for Nasopharyngeal Carcinoma Segmentation*

Yongwei, Wu, Professor, Computer Science Department of Computer Science and Technology, Tsinghua University