

## Jia-Xin Zhuang

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<b>Contact Information</b>	Master of Computer Technology School of Data and Computer Science Sun Yat-sen University	<i>Website:</i> JiaxinZhuang.github.io <i>Email:</i> LincolnZJx@gmail.com. <i>Mobile:</i> (86) 13631304703.
<b>Research Interests</b>	Computer Vision, Deep Learning.	
<b>Education</b>	<a href="#">Sun Yat-sen University</a> , School of Data and Computer Science M.Eng., in Computer Technology, GPA: 91/100	2018-Present
	<a href="#">Sun Yat-sen University</a> , School of Data and Computer Science B.Sc., in the Software Engineering, GPA: 86/100	2014–2018
<b>Research Experience</b>	Medical Image Analysis Group, <a href="#">Intelligence Science and System Lab</a> <i>Supervised by Prof. Ruixuan Wang, Prof. Wei-Shi Zheng.</i>	2018-Present
<b>Awards &amp; Honors</b>	<ul style="list-style-type: none"><li>• ISIC 2018: Skin Lesion Analysis Towards Melanoma Detection, Task 3 "Lesion Diagnosis", Rank-3 (out of 77 teams), 2018.</li><li>• Meritorious Winner, Mathematical Contest In Modeling, 2017.</li><li>• Molecular Screening of Drugs Based on Artificial Intelligence, 2018.</li><li>• ChaLearn LAP Large-scale Isolated Gesture Recognition Challenge (Round 2), Rank3, ICCV 2017.</li><li>• Scholarship, 2014-2015, 2018-2019.</li></ul>	
<b>Publications</b>	<ol style="list-style-type: none"><li>4. Deep kNN for medical image classification. <b>Jia-Xin Zhuang</b>, Jiabin Cai, Ruixuan Wang, Jianguo Zhang, Wei-Shi Zheng. In Proceeding of <i>the 23rd International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI)</i>. 2020.</li><li>3. Fusing Metadata and Dermoscopy Images for Skin Disease Diagnosis. Weipeng, Li*, <b>Jia-Xin Zhuang*</b>, Ruixuan Wang, Jianguo Zhang, Wei-Shi Zheng. In Proceedings of <i>the 20th International Symposium on Biomedical Imaging(ISBI)</i>. 2020.</li><li>2. CARE: Class Attention to Regions of Lesion for Classification on Imbalanced Data. <b>Jia-Xin Zhuang*</b>, Jiabin Cai*, Ruixuan Wang, Jianguo Zhang, Wei-Shi Zheng. In Proceedings of <i>the 2nd International Conference on Medical Imaging with Deep Learning (MIDL)</i>. 2019.</li><li>1. Auxiliary Decoder and Classifier for Imbalanced SkinDisease Diagnosis. Zili Xu, <b>Jia-Xin Zhuang</b>, Rong Zhang, Ruixuan Wang, Xuemei Guo, Wei-Shi Zheng In Proceedings of <i>the 2nd International Conference on Artificial Intelligence and Computer Science</i>. 2020.</li></ol>	