

JIAPENG TANG

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EDUCATION

South China University of Technology	<i>Sept. 2014 - June. 2018</i>
Bachelor of Engineering, Information Engineering	GPA: 3.85/4 Ranking: 6/61
South China University of Technology	<i>Sept. 2018 - June. 2021 (Expected)</i>
Master of Signal and Information Processing, Supervised by Prof. Kui Jia	GPA: 3.73/4

PUBLICATIONS

J. Tang, X. Han, J. Pan K. Jia and X. Tong. A Skeleton-bridged Deep Learning Approach for Generating Meshes of Complex Topologies from Single RGB Images. The IEEE Conference on Computer Vision and Pattern Recognition, (**CVPR**), 2019, **Oral presentation**

J. Pan, X. Han, W. Chen, **J. Tang** and K. Jia. Deep Mesh Reconstruction from Single RGB Images via Topology Modification Networks, (**ICCV**), 2019

J. Tang, X. Han, K. Jia, L. Zhang and X. Tong. SkeletonNet: A Topology-Preserving Solution for Learning Mesh Reconstruction of Object Surfaces from RGB Images, Submitted to IEEE Transactions on Pattern Analysis and Machine Intelligence (**TPAMI**), 2020

EXPERIENCE

The Chinese University of Hong Kong, Shenzhen	<i>July. 2018 - Sep. 2018</i>
Research Intern, Supervised by Prof. Xiaoguang Han	
Focus on the topology-aware object mesh generation.	
DAMO Academy, Alibaba Group	<i>Jun. 2020 - Present</i>
Research Intern, Supervised by Prof. Lei Zhang	
Focus on the 3D Human Shape and Pose Estimation from single RGB images.	

AWARDS

South China University of Technology Scholarship	<i>2015-2017</i>
Merit Student of South China University of Technology	<i>2016-2017</i>

OTHERS

Programming Language: Python, C++/Cuda, Matlab

Deep Learning Platform: PyTorch, TensorFlow

I have been working for 3D object reconstruction from RGB images or point cloud. All my publications focus on how to solve the topology preservation problem in the learning-based mesh reconstruction. Currently, I am working on the problem of human body recovery. For more information, please visit my website at: <https://tangjiapeng.github.io>.