

Fuwen TAN

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SUMMARY	I am a third year Ph.D. student in the Computer Science Department of University of Virginia, working with Dr. Vicente Ordonez Roman and Dr. Connelly Barnes. My areas of specialization are Computational Vision and Machine Learning.	
EDUCATION	University of Virginia	Charlottesville, United States
	Ph.D. Program in Computer Science	Aug.2015 - Present
	Advisor: Vicente Ordóñez Román, Connelly Barnes	
	Zhejiang University	Hangzhou, China
	M.S.in Mathematics	Sep.2010 - Jun.2012
	Advisor: Ligang Liu	
	Sun Yat-sen University	Guangzhou, China
	B.S. in Mathematics	Sep.2006 - Jun.2010
PUBLICATIONS	Where and Who? Automatic Semantic-Aware Person Composition Fuwen Tan , Crispin Bernier, Benjamin Cohen, Vicente Ordonez, Connelly Barnes IEEE Winter Conference on Applications of Computer Vision (WACV), 2018	
	FaceCollage: A Rapidly Deployable System for Real-time Head Reconstruction for On-The-Go 3D Telepresence Fuwen Tan , Chi-Wing Fu, Teng Deng, Jianfei Cai, Tat Jen Cham ACM Multimedia (ACM MM, full paper), 2017	
	High-Quality Kinect Depth Filtering For Real-time 3D Telepresence Mengyao Zhao, Fuwen Tan , Chi-Wing Fu, Chi-Keung Tang, Jianfei Cai, Tat Jen Cham IEEE International Conference on Multimedia and Expo (ICME), 2013	
	Field-Guided Registration for Feature-Conforming Shape Composition Hui Huang, Minglun Gong, Daniel Cohen-Or, Yaobin Ouyang, Fuwen Tan , Hao Zhang SIGGRAPH ASIA, 2012	
EXPERIENCE	Honda Research Institute, Mountain View, United States	May.2016 - Aug.2016
	<i>Research intern in Perception Group</i> Worked on application of Deep Learning to traffic participant detection in multisensory data.	
	Nanyang Technological University, Singapore	Aug.2012 - Jul.2015
	<i>Research Associate at BeingThere Centre, Institute for Media Innovation</i> Worked on room based 3D telepresence applications; Developed a low-cost, fast and realistic system for personal 3D telepresence.	
OTHERS	Reviewer: IEEE Transactions on Image Processing (TIP)	2017