

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 Romas. My areas of specialization are Computational Vision and NLP.	
EDUCATION	University of Virginia Ph.D. Program in Computer Science Advisor: Vicente Ordóñez Román	Charlottesville, United States Aug.2015 - Present
	Zhejiang University M.S.in Mathematics Advisor: Ligang Liu	Hangzhou, China Sep.2010 - Jun.2012
	Sun Yat-sen University B.S. in Mathematics	Guangzhou, China 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	
SKILLS	C/C++, Python, PyTorch, Tensorflow, CUDA.	
EXPERIENCE	Amazon A9, Palo Alto, United States <i>Applied scientist intern in AR Asset team</i>	May.2018 - Aug.2018
	Honda Research Institute, Mountain View, United States <i>Research intern in Perception Group</i> Worked on application of Deep Learning to traffic participant detection.	May.2016 - Aug.2016
	Nanyang Technological University, Singapore <i>Research Associate at BeingThere Centre, Institute for Media Innovation</i> Worked on 3D telepresence applications;	Aug.2012 - Jul.2015

Developed a low-cost, fast and realistic system for personal 3D telepresence.

OTHERS

Reviewer: IEEE Transactions on Image Processing (TIP)

2017