Fuwen TAN

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EDUCATION

University of Virginia — Charlottesville, United States
Ph.D. Program in Computer Science — Aug.2015 - Present
Advisor: 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
GPA: 89/100

RESEARCH

Where and Who? Automatic Semantic-Aware Person Composition
Fuwen Tan, Crispin Bernier, Benjamin Cohen, Vicente Ordonez, Connelly Barnes
arXiv preprint, 2017

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

AWARDS

Merit Poster Award in GPU Technology Workshop South East Asia (GTW-SEA), 2014
Freshman Fellowship in Sun Yat-sen University, 2006
Excellent Graduate of Sun Yat-sen University, 2010

WORK EXPERIENCE

Honda Research Institute, Mountain View, United States — May.2016 - Aug.2016
Research intern in Perception Group
Worked on application of Deep Learning to traffic participant detection in multisensory data.
Supervisor: Dr. Bernd Heisele

Nanyang Technological University, Singapore — Aug.2012 - Jul.2015
Research Associate at BeingThere Centre, Institute for Media Innovation
Worked on room based 3D telepresence applications;
Developed a low-cost, fast and realistic system for personal 3D telepresence.
Supervisor: Dr. Chi-Wing Fu

TEACHING EXPERIENCE

University of Virginia, Charlottesville, United States
TA for CS1113 (Programming), CS2150 (Data Structure) — Aug.2015 - Dec.2015
TA for CS4457 (Networks), CS4810 (Graphics) — Jan.2016 - May.2016

TA for CS6501 (Computational Visual Recognition)   Aug.2016 - Dec.2016

OTHER ACTIVITIES   Reviewer: IEEE Transactions on Image Processing (TIP)   2017

REFERENCES   **Dr. Connelly Barnes**, University of Virginia
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Dr. Vicente Ordóñez Román, University of Virginia
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Dr. Bernd Heisele, Microsoft
▷ http://bheisele.com/
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