

Zerong Zheng

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PhD Candidate @ Tsinghua

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Education

- 2018–present **Ph.D candidate**, *Department of Automation, Tsinghua University*, Beijing, China.
- Advisor: Prof. Yebin Liu
 - Lab: BBNC, Tsinghua University
- 2014–2018 **B.Eng**, *Department of Automation, Tsinghua University*, Beijing, China.
- GPA: 90/100

Experience

Research Intern, *Facebook Inc.*, San Francisco Bay Area, CA, USA.

- Date: June 2019 – Sept 2019
- Institute: Facebook Reality Lab at Sausalito
- Mentor: Dr. Tony Tung

Undergraduate Visiting Scholar, *University of Southern California*, Los Angeles, CA, USA.

- Date: June 2017 – August 2017
- Institute: Vision and Graphics Lab, USC Institute for Creative Technologies
- Mentor: Prof. Hao Li

Publication

- 2019 **Z. Zheng**, T. Yu, Y. Wei, Q. Dai, Y. Liu.
"DeepHuman: 3D Human Reconstruction from a Single Image".
IEEE International Conference on Computer Vision (ICCV) 2019 (oral).
- T. Yu, **Z. Zheng**, Y. Zhong, J. Zhao, Q. Dai, G. Pons-Moll, Y. Liu.
"SimulCap : Single-View Human Performance Capture with Cloth Simulation".
IEEE Conference on Computer Vision and Pattern Recognition (CVPR) 2019.
- 2018 **Z. Zheng**, T. Yu, H. Li, K. Guo, Q. Dai, L. Fang, Y. Liu.
"HybridFusion: Real-Time Performance Capture Using a Single Depth Sensor and Sparse IMUs".
European Conference on Computer Vision (ECCV) 2018.
- T. Yu, **Z. Zheng**, K. Guo, J. Zhao, Q. Dai, H. Li, G. Pons-Moll, Y. Liu.
"DoubleFusion: Real-time Capture of Human Performances with Inner Body Shapes from a Single Depth Sensor".
IEEE Conference on Computer Vision and Pattern Recognition (CVPR) 2018 (oral).

Distinctions

- 2018 Future Scholar Fellowship, Tsinghua University (× 3 years)
Excellent Bachelor Thesis, Tsinghua University
- 2017 Academic Excellence Award, Tsinghua-GuangYao Scholarship, Tsinghua University
Excellence Award & Scholarship for Technological Innovation, Tsinghua University

- 2016 Academic Excellence Award, Tsinghua-Hengda Scholarship, Tsinghua University
Excellence Award for Technological Innovation, Tsinghua University
- 2015 Academic Excellence Award & Scholarship, Tsinghua University

Academic Service

Reviewer CVPR 2019, ICCV 2019

Skills

Programming C/C++ (OpenGL/CUDA), Python (Tensorflow/PyTorch), Matlab
Language Chinese (native), English (TOFEL 101, GRE 152+170+4.0)
Software Office, Adobe Photoshop, Adobe Premiere
Sports Badminton, Tennis (Beginner)