

# Zerong Zheng

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PhD Candidate @ Tsinghua

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## Education

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

## Experience

- Undergraduate Research Intern**, University of Southern California, Los Angeles, CA, USA.
  - Date: June 2017 – August 2017
  - Institute: USC Institute for Creative Technologies
  - Advisor: Prof. Hao Li
  - Project: Performance Capture with Human Body Template

## Publication

- 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

## Skills

- Programming C/C++ (OpenCV, OpenGL, PCL, Eigen, CUDA, Qt and so on)  
Python(Tensorflow), Matlab
- Language Chinese (native), English (TOFEL 101, GRE 152+170+4.0)
- Software Adobe Photoshop, Adobe Premiere