

# Bingbing Zhuang

Block E4, Level 6, Room 20  
4 Engineering Drive 3, Singapore 117583  
☎ +65 82649324  
✉ zhuang.bingbing@u.nus.edu

## Education

- 2015–Present **Ph.D. Candidate in Electrical and Computer Engineering.**  
National University of Singapore  
advisors: Loong Fah Cheong, Gim Hee Lee
- 2011–2015 **Bachelor in Electric Engineering and Information Science.**  
University of Science and Technology of China (USTC), Hefei, China  
GPA: 3.96/4.30, Rank: 3/105; Math GPA: 4.20/4.30

## Research Interests

3D Computer Vision, especially in Structure from Motion.

## Experience

- 2014 **Research Intern, Computer Science, The University of Hong Kong.**  
Jul.-Aug. Advisor: Prof. Yizhou Yu. Working on Person Re-identification problem based on metric learning and post-rank optimization
- 2014 Jun. **Research Engineer, Information Processing Center, USTC.**  
-2015 Jun. Advisor: Prof. Nenghai Yu. Working on abnormal event detection in video based on sparse coding.

## Publication

- Bingbing Zhuang**, Loong-Fah Cheong, Gim Hee Lee. Baseline Desensitizing In Translation Averaging. Computer Vision and Pattern Recognition (CVPR), 2018.
- Bingbing Zhuang**, Loong-Fah Cheong, Gim Hee Lee. Rolling-Shutter-Aware Differential SfM and Image Rectification. International Conference on Computer Vision (ICCV), 2017.
- Bingbing Zhuang**, Ziping Zhu, Fangbemi Abassin Sourou, Nenghai Yu. Person Re-Identification by the marriage of KISS Metric Learning and Post-Rank Optimization: KISSPOP. International Conference on Internet Multimedia Computing and Service (ICIMCS), 2015

## Selected Awards

- 2015-2019 President's Graduate Fellowship, NUS
- 2015 Excellent Bachelor's Thesis Award (Top 5%), USTC
- 2015 Honorary Rank of Academic Achievement of the Grade 2011 Undergraduates (Top 5%), USTC
- 2011-2015 Top 3 cumulative GPA in the department of EEIS, USTC
- 2011-2015 Numerous Scholarship, USTC

## Teaching Assistant

2017 Fall, EE5731 Visual Computing, NUS; 2017 Spring, EE4212 Computer Vision, NUS;  
2016 Fall, CG3207 Computer Architecture, NUS; 2016 Spring, EE4212 Computer Vision, NUS;  
2014 Fall, Programming in C language, USTC.