

张青 (Qing Zhang)

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Education

- 2013 ~ 2017 **Ph.D.** (Supervisor: Prof. Chunxia Xiao) Wuhan University
- 2011 ~ 2013 **M.S.** (Supervisor: Prof. Chunxia Xiao) Wuhan University
- 2007 ~ 2011 **B.S.** Wuhan University

Interests

Computer Graphics, Computer Vision

- Image/Video Enhancement and Editing, Object Recognition, Segmentation, etc.

Publications

1. **Qing Zhang**, Chunxia Xiao, Hanqiu Sun, Feng Tang, “*Palette-based Image Recoloring Using Color Decomposition Optimization*”, IEEE Transactions on Image Processing, 26(4): 1952-1964, 2017.
2. **Qing Zhang**, Yongwei Nie, Ling Zhang, Chunxia Xiao, “*Underexposed Video Enhancement via Perception-driven Progressive Fusion*”, IEEE Transactions on Visualization and Computer Graphics, 22(6):1773-1785, 2016.
3. Zhan Xu, **Qing Zhang**, Zhe Cao, Chunxia Xiao, “*Video Background Completion Using Motion-guided Pixels Assignment Optimization*”, IEEE Transactions on Circuits and Systems for Video Technology, 26(8): 1393-1406, 2016.
4. Ling Zhang, **Qing Zhang**, Chunxia Xiao, “*Shadow Remover: Image Shadow Removal Based on Illumination Recovering Optimization*”, IEEE Transactions on Image Processing, 24(11): 4623-4636, 2015.
5. **Qing Zhang**, Chunxia Xiao, “*Cloud Detection of RGB Color Aerial Photographs by Progressive Refinement Scheme*”, IEEE Transactions on Geoscience and Remote Sensing, 52(11): 7264-7275, 2014.
6. Yongwei Nie, **Qing Zhang**, Renfang Wang, Chunxia Xiao, “*Video Retargeting Combining Warping and Summarizing Optimization*”, The Visual Computer, 29(6): 785-794, 2013.
7. Chunxia Xiao, Yu Chu, **Qing Zhang**, “*Texture image segmentation using level set function evolved by Gaussian mixture model*”, Chinese Journal of Computers, 33(7): 1295-1304, 2010.

Experiences

- July. 2017 ~ Current, Research Associate Professor, Sun Yat-Sen University
- Aug. 2016 ~ Nov. 2016, Research Assistant (Prof. Hanqiu Sun), CSE, CUHK
- June. 2015 ~ Sep. 2015, Research Assistant (Prof. Hanqiu Sun), CSE, CUHK

Skills

- C/C++, Matlab, Python, OpenCV, OpenGL

Honors & Awards

- Outstanding Graduate Awards of Wuhan University (2017)
- National Scholarship (2014)
- Outstanding Undergraduate Thesis of Hubei Province (2011)