

Zhensong Zhang

CONTACT INFORMATION	Ph.D. Student Room 905, Ho Sin-Hang Engineering Building Department of Computer Science and Engineering The Chinese University of Hong Kong Shatin, New Territories, Hong Kong	 (+852) 9719 5713  zszhang@cse.cuhk.edu.hk  www.zhensongzhang.com  github.com/zhangzhensong
RESEARCH INTERESTS	My research interest includes computer graphics and computer vision. Recently, I work on image and video editing, and computational videography.	
EDUCATION	The Chinese University of Hong Kong , Hong Kong Ph.D., Computer Science and Engineering 2014 - present • Supervisor: Prof. Hanqiu Sun University of Chinese Academy of Sciences , Beijing M.S., Computer Applied Technology 2011 - 2014 Xidian University , Xi'an B.E., Software Engineering 2007 - 2011	
RESEARCH EXPERIENCE	Research Assistant Aug 2014 - present Department of Computer Science and Engineering The Chinese University of Hong Kong Supervisor: Prof. Hanqiu Sun Research Assistant Sep 2011 - Jun 2014 HCI Lab, Institute of Software Chinese Academy of Sciences Supervisors: Prof. Fengjun Zhang and Prof. Hui Chen Research Assistant Sep 2010 - Jun 2011 School of Software Xidian University Supervisor: Prof. Yanni Li	
REFEREED JOURNAL PUBLICATIONS	<ul style="list-style-type: none">• Nie, Y., Su, T., Zhang, Z., Sun, H. and Li, G. Dynamic Video Stitching via Shakiness Removing In <i>IEEE Transactions on Image Processing</i>, 27 (1), pp. 164 - 178, 2018.• Nie, Y., Zhang, Z., Sun, H., Su, T. and Li, G. Homography Propagation and Optimization for Wide-baseline Street Image Interpolation In <i>IEEE Transactions on Visualization and Computer Graphics</i>, 23 (10), pp. 2328 - 2341, 2017.• Li, Y., Wang, Y., Jiang, P. and Zhang, Z. Multi-objective Optimization Integration of Query Interfaces for the Deep Web based on Attribute Constraints In <i>Data & Knowledge Engineering</i>, 86, pp. 38 - 60, 2013.	

REFEREED
CONFERENCE
PUBLICATIONS

- **Zhang, Z.**, Nie, Y., Sun, H., Lai, Q. and Li, G.
Multi-video Object Synopsis Integrating Optimal View Switching
In *SIGGRAPH ASIA 2017 Technical Briefs*. Bangkok, Thailand, November 27 - 30, 2017
- Su, T., Nie, Y., **Zhang, Z.**, Sun, H. and Li, G.
Video Stitching for Handheld Inputs via Combined Video Stabilization
In *SIGGRAPH ASIA 2016 Technical Briefs*. Macao, December 5 - 8, 2016.
- Li, Y., Wang, Y., **Zhang, Z.**, Wang, Y., Ma, D. and Huang, J.
A Novel Fast and Memory Efficient Parallel MLCS Algorithm for Long and large-scale Sequences Alignments
In *Proceedings of the 32nd IEEE International Conference on Data Engineering (ICDE)*. Helsinki, Finland, May 16 - 20, 2016.
- **Zhang, Z.**, Nie, Y. and Sun, H.
Color Correspondence of Image Warping using Plane Constraints
In *Proceedings of the 21st ACM Symposium on Virtual Reality Software and Technology (VRST)*. Beijing, China, November 13 - 15, 2015
- **Zhang, Z.**, Zhang, F., Chen, H., Liu, J., Wang, H. and Dai, G.
Left and Right Hand Distinction for Multi-touch Tabletop Interactions
In *Proceedings of the 19th ACM International Conference on Intelligent User Interfaces (IUI)*. Haifa, Israel, February 24 - 27, 2014

AWARDS

- Travel Award
- International Conference on Intelligent User Interfaces, Haifa, Israel Feb 2014
- Student Awards – The Chinese University of Hong Kong
- CUHK Postgraduate Studentship 2014 - 2018
 - Best TA Award 2017
 - Certificate of Merit TA Award 2015 & 2016 & 2017
- Student Awards – University of Chinese Academy of Sciences
- National Scholarship 2013
 - Merit Student 2012 & 2013
- Student Awards – Xidian University
- National Scholarship for Encouragement 2009
 - The First Class Scholarship for Academic Achivement 2008 & 2010
 - Merit Student 2008 & 2010
 - Excellent Student Cadre 2009 & 2011

TEACHING
EXPERIENCE

- Teaching Assistant Spring 2016 & Fall 2016 & Fall 2017
- CSCI 5460 - Virtual Reality
Instructor: Prof. Hanqiu Sun
- Teaching Assistant Spring 2017
- CSCI 3170 - Introduction to Database Systems
Instructors: Prof. James Cheng and Prof. Eric Lo
- Teaching Assistant Spring 2015
- CSCI 2100 - Data Structures
Instructor: Prof. Hanqiu Sun
- Teaching Assistant Fall 2014 & Fall 2015

CSCI 3310 Mobile Computing and Applications Development
Instructor: Dr. Siu-hang Or

SERVICE	Paper Reviewers VRST 2015, Chinagraph 2016, VRCAI 2016, CGI 2017, Computational Visual Media, Mobile Information Systems Volunteer Siggraph Asia 2014, IUI 2014
SKILLS	Programming C/C++, Java, Matlab, Python, L ^A T _E X
REFERENCES	<div><div>Prof. Hanqiu Sun</div><div>Associate Professor</div><div>Department of Computer Science and Engineering</div><div>The Chinese University of Hong Kong</div><div>✉ hanqiu@cse.cuhk.edu.hk</div></div> <div><div>Prof. Fengjun Zhang</div><div>Professor</div><div>Institute of Software</div><div>Chinese Academy of Sciences</div><div>✉ fengjun@iscas.ac.cn</div></div> <div><div>Prof. Hui Chen</div><div>Associate Professor</div><div>Institute of Software</div><div>Chinese Academy of Sciences</div><div>✉ chenhui@iscas.ac.cn</div></div> <div><div>Prof. Yanni Li</div><div>Professor</div><div>School of Software</div><div>Xidian University</div><div>✉ yannili@mail.xidian.edu.cn</div></div>