

Yapeng TIAN

CONTACT INFORMATION	The Department of Computer Science, University of Rochester, Rochester, NY, USA, 14623.	☎ 5857669378 ✉ yapengtian@rochester.edu http://yapengtian.org/
RESEARCH INTERESTS	<ul style="list-style-type: none">• Multimodal video understanding.• Low-Level Vision: Single image super-resolution, Edge-preserving image smoothing, Guided depth map upscaling.	
EDUCATION	University of Rochester , Rochester, USA	Sep. 2017 – Exp. 2022
	<ul style="list-style-type: none">• <i>PhD student</i> in The Department of Computer Science• Advisor: <i>Prof. Chenliang Xu</i>	
	Tsinghua University , Beijing, China	Sep. 2014 – July 2017
	<ul style="list-style-type: none">• <i>M.E.</i> in The Department of Electronic Engineering• Advisor: <i>Prof. Wenming Yang</i>• GPA: 90.55/100 (Rank: 3/52)	
	Xidian University , Xi'an, China	Aug. 2009 – July 2013
	<ul style="list-style-type: none">• <i>B.E.</i> in Intelligence Science and Technology (School of Electronic Engineering)	
RESEARCH EXPERIENCE	CS, University of Rochester	Sep. 2017 – Present
	<ul style="list-style-type: none">• <i>Research Assistant</i> with <i>Prof. Chenliang Xu</i> Project: Audio-visual scene understanding	
	EE, Tsinghua University	Mar. 2015 – Aug. 2017
	<ul style="list-style-type: none">• <i>Research Assistant</i> with <i>Prof. Wenming Yang</i> Project: Single image super-resolution	
	SIAT, Chinese Academy of Sciences	Nov. 2016 – May 2017
	<ul style="list-style-type: none">• <i>Visiting Student</i> with <i>Prof. Yu Qiao</i> Project: Deep learning for low-level vision	
JOURNAL PUBLICATIONS	<ul style="list-style-type: none">• Wenming Yang, Yapeng Tian, Fei Zhou*, Qingmin Liao, Hai Chen and Chenglin Zheng, "Consistent Coding Scheme for Single-Image Super-Resolution Via Independent Dictionaries," <i>IEEE Trans. Multimedia (TMM)</i>, vol. 18, no. 3, pp. 313-325, Mar. 2016.	
CONFERENCE PUBLICATIONS	<ul style="list-style-type: none">• Yapeng Tian, Fei Zhou, Wenming Yang*, Xuesen Shang and Qingmin Liao, "Anchored Neighborhood Regression based Single Image Super-Resolution from Self-Examples," <i>Proceedings of IEEE International Conference on Image Processing (ICIP)</i>, 2016.• Wenming Yang, Yapeng Tian, Fei Zhou, Tingrong Yuan, Xuesen Shang and Qingmin Liao, "Single-Image Super-Resolution Using Clustering-Based Global Regres-	

sion and Propagation Filtering,” Proceedings of Asian Conference on Pattern Recognition (ACPR), 2015. (Oral)

TEACHING EXPERIENCE

Teaching Assistant

- Fall 2015: Digital image processing and its applications, Tsinghua University
- Spring 2016: Practice of digital image processing, Tsinghua University

HONORS AND AWARDS

- Outstanding Graduate of Tsinghua University (Top 1%) 2017
- Outstanding Master Thesis Award, Tsinghua University 2017
- National Scholarship (Top 2%), Tsinghua University, China 2016
- Second-class Scholarship, Tsinghua University, China 2015

PROFESSIONAL ACTIVITIES

Attended Conferences

- IEEE International Conference on Image Processing, Phoenix, America Sep. 2016
- Asian Conference on Pattern Recognition, Kuala Lumpur, Malaysia Nov. 2015

Membership

- IEEE Student Member

SKILLS

- Languages: Mandarin (native), English.
- Programming: MATLAB, C/C++, Python, Keras, Opencv, L^AT_EX.