Yin Cui

Curriculum Vitae

Ph.D. student in Department of Computer Science
Cornell University / Cornell Tech
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Education

2014 - Now	**Ph.D.** in Computer Science, **Cornell University**	*Ithaca / New York City, NY*
	Advisor: Prof. Serge Belongie	
2012-2014	**M.S.** in Electrical Engineering, **Columbia University**	*New York City, NY*
	Overall GPA: 4.0/4.0 Advisor: Prof. Shih-Fu Chang	
2008-2012	**B.S.** in Electrical Engineering, **Beihang University**	*Beijing, China*
	Overall GPA: 3.76/4.0 Major GPA: 3.83/4.0 Advisor: Prof. Yu-Jin Zhang	

Employments

05/2017-now	*Intern, Google Research*	*Mountain View, CA / New York, NY*
05-08/2016	*Intern, Institute of Deep Learning, Baidu Research*	*Sunnyvale, CA*
05-08/2015	*Intern, Media Analytics, NEC Labs America*	*Cupertino, CA*

Selected Publications

[1] **Yin Cui**, Yang Song, Chen Sun, Andrew Howard, and Serge Belongie. "Large Scale Fine-Grained Categorization and Domain-Specific Transfer Learning". In: *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*. 2018.

[2] Grant Van Horn, Oisin Mac Aodha, Yang Song, **Yin Cui**, Chen Sun, Alex Shepard, Hartwig Adam, Pietro Perona, and Serge Belongie. "The iNaturalist Species Classification and Detection Dataset". In: *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*. 2018.

[3] **Yin Cui**, Guandao Yang, Andreas Veit, Xun Huang, and Serge Belongie. "Learning to Evaluate Image Captioning". In: *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*. 2018.

[4] **Yin Cui**, Feng Zhou, Jiang Wang, Xiao Liu, Yuanqing Lin, and Serge Belongie. "Kernel Pooling for Convolutional Neural Networks". In: *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*. 2017.

[5] **Yin Cui**, Feng Zhou, Yuanqing Lin, and Serge Belongie. "Fine-grained Categorization and Dataset Bootstrapping using Deep Metric Learning with Humans in the Loop". In: *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*. 2016.

[6] Tsung-Yi Lin, **Yin Cui**, Serge Belongie, and James Hays. "Learning Deep Representations for Ground-to-Aerial Geolocalization". In: *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*. 2015.

Full list of publications available at Google Scholar.

Honors and Awards

Sep. 2014	**McMullen Fellowship**	*Cornell University*
	○ A one-year fellowship for Computer Science Ph.D. student at Cornell University.	

May. 2014	**Edwin Howard Armstrong Memorial Award**	*Columbia University*

○ Awarded annually to one outstanding M.S. candidate to honor the late Edwin Howard Armstrong. It is the highest recognition awarded by the EE department in Columbia University to a M.S. student.

Oct. 2013	**Wei Family Private Foundation Special Scholarship**	*Wei Family Private Foundation*

○ Awarded to 10 graduate students (Master's and PhD candidates) of Chinese heritage with academic excellence and research potential in Electrical Engineering at Columbia University.

Oct. 2010	**National Scholarship**	*Ministry of Education of China*

○ Given by the Ministry of Education in China to top 2% students in a university.

Teaching

Cornell University: CS 5785 Applied Machine Learning Fall 2015, Fall 2016, Spring 2017

Columbia University: E4810 Digital Signal Processing Fall 2013; E4830 Digital Image Processing Spring 2013

Professional Activities

Co-organizer ImageNet and COCO Visual Recognition Challenges Joint Workshop: ICCV 2015, ECCV 2016

Joint Workshop of the COCO and Places Challenges: ICCV 2017

Workshop on Fine-Grained Visual Categorization: CVPR 2017, CVPR 2018

Large-scale Scene Understanding Challenge (COCO Captioning Challenge): CVPR 2015

Reviewer CVPR 2015, 2016, 2017, 2018; ECCV 2016, 2018; ICCV 2017

Skills

Programming Languages Python, MATLAB, Java, C/C++

Others Tensorflow, PyTorch, Caffe

Languages

Chinese (Native), English (TOEFL iBT: 106)