Yin Cui

Curriculum Vitae

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

2014 - Present **Ph.D.** *in Computer Science,* **Cornell University** *Ithaca / New York City, NY*
Advisor: Prof. Serge Belongie

Dec 2013 **M.S.** *in Electrical Engineering,* **Columbia University** *New York City, NY*
Overall GPA: 4.0/4.0 Advisor: Prof. Shih-Fu Chang

Jun 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

May 2018 - Present *Intern, Google Research* *Mountain View, CA*

May 2017 - Mar 2018 *Intern, Google Research* *Mountain View, CA / New York, NY*

May 2016 - Aug 2016 *Intern, Institute of Deep Learning, Baidu Research* *Sunnyvale, CA / Beijing, China*

May 2015 - Aug 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] **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.

[3] 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.

[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 here.

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 Electrical Engineering department at Columbia University to a M.S. student.

Oct 2013 ***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-founder Common Visual Data Foundation (CVDF), 2016 - Present

Organizing Committee ImageNet and COCO Visual Recognition Workshop: ICCV 2015, ECCV 2016
Joint Workshop of the COCO and Places Challenges: ICCV 2017
Joint COCO and Mapilary Recognition Challenge Workshop: ECCV 2018
Workshop on Fine-Grained Visual Categorization: CVPR 2017, CVPR 2018
Large-scale Scene Understanding Workshop (COCO Captioning Challenge): CVPR 2015

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

Skills

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

Others Tensorflow, PyTorch, Caffe

Languages

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

Last Updated: June 2018