

Yin Cui

Curriculum Vitae

Ph.D. candidate 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

- 05/18-Now Intern, Google AI Mountain View, CA
- 05/17-03/18 Intern, Google AI Mountain View, CA / New York, NY
- 05-08/16 Intern, Institute of Deep Learning, Baidu Research Sunnyvale, CA
- 05-08/15 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 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-founder Common Visual Data Foundation (CVDF), 2016 - Present
- Co-organizer ImageNet and COCO Visual Recognition Challenges Joint Workshop: ICCV 2015, ECCV 2016
Joint Workshop of the COCO and Places Challenges: ICCV 2017
Joint COCO and Mapillary Recognition Challenge Workshop: ECCV 2018
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; NIPS 2018

Skills

- Programming Languages Python, MATLAB, Java, C/C++
- Others Tensorflow, PyTorch, Caffe

Languages

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

Last Updated: May 2018