

# 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 the Effectiveness of 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, 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 Discriminative Evaluation Metrics for 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](https://scholar.google.com/citations?user=ycui).

## 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; ICCV 2017

## Skills

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

## Languages

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

Last Updated: December 2017