

# Dequan Wang

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*Last updated Dec, 2016*

## RESEARCH INTERESTS

**Computer Vision:** Object Recognition, Scene Understanding

**Machine Learning:** Generative Models, Unsupervised Learning

## EDUCATION

### Ph.D. Student — Computer Science

Advisor: Trevor Darrell

*Aug, 2016 – present*  
University of California, Berkeley

### Bachelor of Science — Computer Science

GPA: 3.7/4.0, Rank: 2/111

Thesis: Research on Fine-grained Feature Learning Algorithms

Advisor: Xiangyang Xue

*Sept, 2012 – Jun, 2016*  
Fudan University

## EXPERIENCE

### Graduate Student Research

Advisor: Trevor Darrell

*Aug, 2016 – present*  
University of California, Berkeley

### Undergraduate Research Intern

Supervisor: Zheng Zhang

*Oct, 2014 – Feb, 2016*  
New York University, Shanghai

### Chun-Tsung Undergraduate Research

Advisor: Xiangyang Xue

*May, 2014 – May, 2015*  
Fudan University

## CONFERENCE PUBLICATIONS

### Multiple Granularity Descriptors for Fine-grained Categorization

Dequan Wang, Zhiqiang Shen, Jie Shao, Wei Zhang, Xiangyang Xue, and Zheng Zhang  
*Proceedings of the IEEE International Conference on Computer Vision (ICCV)*

*Dec, 2015*

### Weakly Supervised Semantic Segmentation for Social Images

Wei Zhang, Sheng Zeng, Dequan Wang, and Xiangyang Xue.  
*Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*

*Jun, 2015*

## TECHNICAL REPORTS

### FCNs in the Wild: Pixel-level Adversarial and Constraint-based Adaptation

Judy Hoffman, Dequan Wang, Fisher Yu, Trevor Darrell  
*arXiv:1612.02649*

*Dec, 2016*

### Learning to Point and Count

Jie Shao, Dequan Wang, Xiangyang Xue, and Zheng Zhang  
*arXiv:1512.02326*

*Dec, 2015*

## SERVICES

Organizer of Autonomous Driving Challenge Workshop

*CVPR 2017*

## HONORS

|  |                  |
|--|------------------|
| <b>Best Bachelor's Thesis</b> (top 0.5%), <i>Fudan University</i>                    | <i>Jun, 2016</i> |
| <b>Star Graduate Nomination</b> (top 0.5%), <i>Fudan University</i>                  | <i>May, 2016</i> |
| <b>Outstanding Graduate</b> , <i>Fudan University</i>                                | <i>May, 2016</i> |
| <b>Joel &amp; Ruth Spira Scholarship</b> , <i>Lutron Electronics</i>                 | <i>Dec, 2015</i> |
| <b>Fudan University First Prize Scholarship</b> , <i>Tung OOCL</i>                   | <i>Dec, 2015</i> |
| <b>IBM Undergraduate Scholarship</b> (70 in China), <i>China Scholarship Council</i> | <i>Nov, 2015</i> |
| <b>Chun-Tsung Research Grant</b> (top 1%), <i>Fudan University</i>                   | <i>Jul, 2015</i> |
| <b>Excellent Undergraduate Award</b> , <i>Fudan University</i>                       | <i>Jan, 2015</i> |
| <b>Fudan University First Prize Scholarship</b> , <i>Wonders Information</i>         | <i>Dec, 2014</i> |
| <b>Outstanding Undergraduate</b> (100 in China), <i>Chinese Computer Federation</i>  | <i>Oct, 2014</i> |
| <b>Excellent Undergraduate Award</b> , <i>Fudan University</i>                       | <i>Apr, 2014</i> |
| <b>Excellent Undergraduate Award</b> , <i>Fudan University</i>                       | <i>Dec, 2013</i> |
| <b>Fudan University First Prize Scholarship</b> , <i>Tung OOCL</i>                   | <i>Dec, 2013</i> |
| <b>Outstanding Undergraduate Scholarship</b> , <i>EMC</i>                            | <i>Nov, 2013</i> |

## REFERENCES

**Trevor Darrell**  
Professor  
EECS Department  
UC Berkeley  
CA, United States  
trevor@eecs.berkeley.edu

**Xiangyang Xue**  
Professor  
School of Computer Science  
Fudan University  
Shanghai, China  
xyxue@fudan.edu.cn