

# Dequan Wang

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## RESEARCH INTERESTS

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

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

## 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 Assistant

Supervisor: Xiangyang Xue

Apr, 2013 – Jun, 2016  
Fudan University

### 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

## JOURNAL PUBLICATIONS

### Enhancing Semi-supervised Learning through Label-aware Base Kernels

Qiaojun Wang, Kai Zhang, Zhengzhang Chen, Dequan Wang, Guofei Jiang,  
and Ivan Marsic

*Neurocomputing*, 171:1335–1343

Jan, 2016

## 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

### **Learning to Point and Count**

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

*Dec, 2015*

### **Learning Regions and Descriptors for Fine-grained Recognition**

Dequan Wang, Tianjun Xiao, Zhiqiang Shen and Xiangyang Xue.  
*CVPR Workshop on Fine-Grained Visual Categorization*

*Jun, 2015*

## TALKS

**Frontiers in CVPR 2016** *Shanghai Advanced Research Institute, Chinese Academy of Sciences* *Apr, 2016*

**Can Machine Really Replace Human Being** *Autodesk Software Shanghai Office* *Apr, 2016*

## HONORS

**Best Bachelor's Thesis** (top 0.5%), *Fudan University* *Jun, 2016*

**Star Graduate Nomination** (top 0.5%), *Fudan University* *May, 2016*

**Outstanding Graduate**, *Fudan University* *May, 2016*

**Joel & Ruth Spira Scholarship**, *Lutron Electronics* *Dec, 2015*

**Fudan University First Prize Scholarship**, *Tung OOCL* *Dec, 2015*

**IBM Undergraduate Scholarship** (70 in China), *China Scholarship Council* *Nov, 2015*

**Chun-Tsung Research Grant** (top 1%), *Fudan University* *Jul, 2015*

**Excellent Undergraduate Award**, *Fudan University* *Jan, 2015*

**Fudan University First Prize Scholarship**, *Wonders Information* *Dec, 2014*

**Outstanding Undergraduate** (100 in China), *Chinese Computer Federation* *Oct, 2014*

**Excellent Undergraduate Award**, *Fudan University* *Apr, 2014*

**Excellent Undergraduate Award**, *Fudan University* *Dec, 2013*

**Fudan University First Prize Scholarship**, *Tung OOCL* *Dec, 2013*

**Outstanding Undergraduate Scholarship**, *EMC* *Nov, 2013*

## 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  
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