

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

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CA, United States
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Xiangyang Xue

Professor
School of Computer Science
Fudan University
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