

Zhishuai ZHANG

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147 Krieger Hall, 3400 N Charles St., Baltimore, MD 21218

EDUCATION

2016 - Current	Johns Hopkins University , Baltimore Ph.D. student in Computer Science Advisor: Dr. Alan Yuille
2016 - 2016	Johns Hopkins University , Baltimore Visiting Undergraduate Host: Dr. Alan Yuille
2012 - 2016	University of Science and Technology of China , Hefei B.E. in Computer Science Graduate with Honor, Rank: 1 st /102

WORK EXPERIENCE

Jun 2018 - Aug 2018	Research Intern, Facebook Inc.
Aug 2016 - Current Feb 2016 - May 2016	Research Assistant, Johns Hopkins University Doing research on object detection, occluded object detection, part based model, adversarial attack and defense.
Jul 2015 - Oct 2015	Research Intern, Yitu, Shanghai, China Working on mid-level image pattern discovering and visualizing in deep networks.

PUBLICATION

Cihang Xie, **Zhishuai Zhang**, Jianyu Wang, Yuyin Zhou, Zhou Ren, Alan Yuille, **Improving Transferability of Adversarial Examples with Input Diversity**, arXiv

Siyuan Qiao, Wei Shen, **Zhishuai Zhang**, Bo Wang, Alan Yuille, **Deep Co-Training for Semi-Supervised Image Recognition**, arXiv

Siyuan Qiao, **Zhishuai Zhang**, Wei Shen, Bo Wang, Alan Yuille, **Gradually Updated Neural Networks for Large-Scale Image Recognition**, International Conference on Machine Learning (ICML) 2018

Zhishuai Zhang, Siyuan Qiao, Cihang Xie, Wei Shen, Bo Wang, Alan Yuille, **Single-Shot Object Detection with Enriched Semantics**, Conference on Computer Vision and Pattern Recognition (CVPR) 2018

Zhishuai Zhang*, Cihang Xie*, Jianyu Wang*, Lingxi Xie, Alan Yuille (*equal contribution), **DeepVoting: An Explainable Framework for Semantic Part Detection under Partial Occlusion**, Conference on Computer Vision and Pattern Recognition (CVPR) 2018

Cihang Xie, Jianyu Wang, **Zhishuai Zhang**, Zhou Ren, Alan Yuille, **Mitigating adversarial effects through randomization**, International Conference on Learning Representations (ICLR) 2018

Jianyu Wang, **Zhishuai Zhang**, Cihang Xie, Yuyin Zhou, Vittal Premachandran, Jun Zhu, Lingxi Xie, Alan Yuille, **Visual Concepts and Compositional Voting**, Annals of Mathematical Sciences and Applications 2018

Cihang Xie*, Jianyu Wang*, **Zhishuai Zhang***, Yuyin Zhou, Lingxi Xie, Alan Yuille (*equal

contribution), **Adversarial Examples for Semantic Segmentation and Object Detection**, International Conference on Computer Vision (ICCV) 2017

Jianyu Wang*, Cihang Xie*, **Zhishuai Zhang***, Jun Zhu, Lingxi Xie, Alan Yuille (*equal contribution), **Detecting Semantic Parts on Partially Occluded Objects**, British Machine Vision Conference (BMVC) 2017

Jianyu Wang, **Zhishuai Zhang**, Cihang Xie, Vittal Premachandran, Alan Yuille, **Unsupervised learning of object semantic parts from internal states of CNNs by population encoding**, arXiv

PROFESSIONAL ACTIVITY

Reviewer for **Neural Information Processing Systems (NIPS) 2018**

Second place at **NIPS 2017: Defense Against Adversarial Attack** at Kaggle

Sub-reviewer for **AAAI Conference on Artificial Intelligence (AAAI) 2017**

HONOR & AWARD

2015 Guo Moruo Scholarship, by University of Science and Technology of China

2015 CSC-IBM Scholarship, by International Business Machine and China Scholarship Council

2014 National Scholarship, by Ministry of Education of the People's Republic of China

2013 Xingye Responsibility Scholarship, by Aegon-Industrial Fund Management Co.,Ltd

TECHNICAL SKILL

Algorithm, Data Structure, C/C++, Python, MATLAB, Linux, \LaTeX

Last updated on May 21, 2018.