

Zhishuai ZHANG

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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	Intern at Yitu, Shanghai, China Working on mid-level image pattern discovering and visualizing in deep networks.
Jul 2015	Student Cluster Competition, Frankfurt, Germany
Nov 2014	Student Cluster Competition, New Orleans, United States Building and managing high performance clusters.

PUBLICATION

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

Siyuan Qiao, **Zhishuai Zhang**, Wei Shen, Bo Wang, Alan Yuille, **Gradually Updated Neural Networks for Large-Scale Image Recognition**, arXiv

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

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 2017

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

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, L^AT_EX