

# Yuyin ZHOU

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## EDUCATION

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2016 - Current	<b>Johns Hopkins University</b> , Baltimore Ph.D. student in Computer Science   Advisor: Dr. Alan Yuille
2014 - 2016	<b>University of California, Los Angeles (UCLA)</b> , Los Angeles M.S. in Electrical Engineering
2010 - 2014	<b>Huazhong University of Science and Technology</b> , Wuhan B.E. in Electrical Engineering

## WORK EXPERIENCE

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Aug 2016 - Current	<b>Research Assistant, Johns Hopkins University</b> Doing research on medical image analysis such as organ/tissue/tumor segmentation, adversarial attack and defense.
Jun 2017 - Nov 2017	<b>Research Intern, Google Inc.</b> Working on medical image analysis problems (organ/tissue segmentation)   Supervisor: Mei Han, Jia Li, Fei-Fei Li

## PUBLICATION

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

Qihang Yu, Lingxi Xie, Yan Wang, **Yuyin Zhou**, Elliot K Fishman, **Recurrent Saliency Transformation Network: Incorporating Multi-Stage Visual Cues for Small Organ Segmentation**, 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 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

**Yuyin Zhou**, Lingxi Xie, Wei Shen, Yan Wang, Elliot K Fishman, Alan L Yuille, **A Fixed-Point Model for Pancreas Segmentation in Abdominal CT Scans**, International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI) 2017

**Yuyin Zhou**, Lingxi Xie, Elliot K Fishman, Alan L Yuille, **Deep Supervision for Pancreatic Cyst Segmentation in Abdominal CT Scans**, International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI) 2017

## TECHNICAL SKILL

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**Language:** C/C++, Python, MATLAB

**Tools:** CAFFE, Tensorflow, Pytorch