

# 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

## WORK EXPERIENCE

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Aug 2016 - Current	<b>Research Assistant, Johns Hopkins University</b> Medical image analysis (2D/3D biomedical image segmentation, cancer diagnosis and survival analysis) Adversarial attack and defense.
Jun 2017 - Nov 2017	<b>Research Intern, Google Inc.</b> Medical image analysis   Supervisor: Mei Han, Jia Li, Fei-Fei Li

## PUBLICATION

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Yan Wang\*, **Yuyin Zhou\***, Wei Shen, Seyoun Park, Elliot K. Fishman, Alan Yuille. **Abdominal multi-organ segmentation with organ-attention networks and statistical fusion**, Submitted to Medical Image Analysis (MIA) (The first two authors equally contributed to the work)

**Yuyin Zhou**, Yan Wang, Peng Tang, Song Bai, Wei Shen, Elliot K. Fishman, Alan Yuille. **Semi-Supervised 3D Multi-Organ Segmentation via Deep Multi-Planar Co-Training**, IEEE Winter Conference on Applications of Computer Vision (WACV) 2019

Yan Wang, **Yuyin Zhou**, Peng Tang, Wei Shen, Elliot K. Fishman, Alan Yuille. **Training Multi-organ Segmentation Networks with Sample Selection by Relaxed Upper Confident Bound**, International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI, Oral) 2018.

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

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