

## Summary

I am a first-year Phd student majoring in Computer Vision at Huazhong University of Science and Technology. I am pursuing my Phd degree under the supervision of A.P. Changxin Gao and Prof. Nong Sang (2016-2021). I works as a research intern at Megvii(Face++) Inc. mentored by Dr. Gang Yu and supervised by Dr. Jian Sun. My research interests focus on the Computer Vision and Artificial Intelligence, specifically on the topic of Segmentation.

## Education

### Phd Student

2018.09 – present

Huazhong University of Science and Technology, China

Major in Computer Vision

### Master Student

2016.09 – 2018.06

Huazhong University of Science and Technology, China

Major in Computer Vision

### Undergraduate Student

2012.09 – 2016.06

Shandong University, China

Major in Automation

- ◆ Shandong University Second-class Scholarship for Outstanding Students
- ◆ Shandong University Social Scholarship

## Publication

### Learning a Discriminative Feature Network for Semantic Segmentation

CVPR2018

Changqian Yu, Jingbo Wang, Chao Peng, Changxin Gao, Gang Yu, Nong Sang

### BiSeNet: Bilateral Segmentation Network for Real-time Semantic Segmentation

ECCV2018

Changqian Yu\*, Jingbo Wang\*, Chao Peng, Changxin Gao, Gang Yu, Nong Sang

## Competition

NO.1 of COCO 2018 Challenge in Panoptic Segmentation Track 2018

NO.1 of Mapillary 2018 Challenge in Panoptic Segmentation Track 2018

## Experience

### Research Intern

2017.07 - 2018.07

@Megvii(Face++)

- ◆ responsible for the algorithms about semantic segmentation
  - achieved **80.6%** Mean IoU on Cityscapes test-set
  - achieved **86.2%** Mean IoU on PASCAL VOC test-set
  - achieved **42.4%** Mean IoU on ADE 20K validation (ResNet-50)
- ◆ responsible for the algorithms about real-time semantic segmentation
  - achieved **105 FPS** and **68.4%** Mean IoU on Cityscapes test-set
- ◆ responsible for the algorithms about video segmentation