

Changqian Yu

Research Intern

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Summary

I am a second-year graduate student majoring in Computer Vision at Huazhong University of Science and Technology. I am pursuing my Master Degree under the supervision of [A.P. Changxin Gao](#) and [Prof. Nong Sang](#) (2016-2019). 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

Master Student 2016.09 - present

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

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 val-test (ResNet-50)
- responsible for the algorithms about real-time semantic segmentation
 - achieved **112 FPS** and **70%** Mean IoU on Cityscapes test-set
- responsible for the algorithms about video segmentation

Skills

PyTorch



- have a PyTorch project on github with more than 200 stars
- contribute to the translation of PyTorch documents

TensorFlow



- have a TensorFlow project on github with more than 250 stars