

# Changqian Yu

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Birthday: 1993/9 | Male

## EDUCATION

<b>Huazhong University of Science and Technology</b> <i>Ph.D. Computer Vision School of Artificial Intelligence and Automation</i>	<i>2016.09 - 2021.06</i>
<b>Shandong University</b> <i>B.S. Automation School of Control Science and Engineering</i>	<i>2012.09 - 2016.06</i>

## PUBLICATIONS (W/ SUBMISSIONS)

**Google Citations: 100+. Github Credits: 1000+.**

- Changqian Yu**, Jingbo Wang, Gang Yu, Changxin Gao, Nong Sang  
Context Prior for Scene Segmentation,  
*International Conference on Computer Vision (ICCV)*. 2019, (under review)
- HuanYu Liu, Chao Peng, **Changqian Yu**, Jingbo Wang, Xu Liu, Gang Yu, Wei Jiang  
An End-to-End Network for Panoptic Segmentation,  
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*. 2019
- Changqian Yu**, Jingbo Wang, Chao Peng, Changxin Gao, Gang Yu, Nong Sang  
BiSeNet: Bilateral Segmentation Network for Real-time Semantic Segmentation,  
*European Conference on Computer Vision (ECCV)*. 2018
- Changqian Yu**, Jingbo Wang, Chao Peng, Changxin Gao, Gang Yu, Nong Sang  
Learning a discriminative feature network for semantic segmentation.  
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*. 2018
- Qin Huai, Zhixiong Pi, **Changqian Yu**, Changxin Gao, Jin-gang Yu, Nong Sang  
Spatially Attentive Correlation Filters for Visual Tracking,  
*IEEE International Conference on Image Processing (ICIP)*. 2018
- Ruochen Zheng, Yang Chen, **Changqian Yu**, Chuchu Han, Changxin Gao, Nong Sang  
Center-Level Verification Model for Person Re-identification  
*Chinese Conference on Pattern Recognition and Computer Vision (PRCV)*. 2018

## ACADEMIC COMPETITIONS

- **Winner** of COCO 2018 Challenge in Panoptic Segmentation Track 2018
- **Winner** of Mapillary 2018 Challenge in Panoptic Segmentation Track 2018
- No.5 of Scene Understanding Challenge for Autonomous Navigation in Unstructured Environments

## EXPERIENCE

<b>Megvii(Face++), Beijing, China</b> <i>Computer Vision Research Intern</i>	<i>2017.07 - 2019.05</i>
Mentor: Dr. Gang Yu, Lead Researcher, Megvii (Face++) Research Supervisor: Dr. Jian Sun, Chief Scientist, Megvii (Face++) Research	

## OPEN-SOURCED PROJECTS

- **TorchSeg** (~800 stars).  
<https://github.com/ycszen/TorchSeg>

## HONORS & AWARDS

1. National Scholarship, Ministry of Education of P.R. China, 2018
2. Merit Student, Huazhong University of Science and Technology
3. Outstanding Student Cadre, Shandong University
4. First Class Prize, "RoboCup" Open Finals and China Robot Competition
5. Second Class Prize, National College Students' Energy-saving and Emission Reduction Social Practice and Science and Technology Competition
6. Second Class Prize, National College Students Innovation and Entrepreneurship Training Program
7. Second Class Prize, Shandong Province College Students "TI Cup" Electronic Design Competition

## **PROFESSIONAL ACTIVITIES**

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1. Conference reviewer: CVPR'19, ICCV'19
2. MSRA VCG talk: "Context in Semantic Segmentation", 2019
3. ECCV2018 COCO & Mapillary Joint Workshop talk: "MSCOCO & Mapillary Panoptic Segmentation Challenge 2018", 2018