

Changqian Yu

(+86)130-1641-0729 | changqian_yu@hust.edu.cn

<http://changqianyu.me>

Birthday: 1993/9 | Male

EDUCATION

Huazhong University of Science and Technology 2016.09 - 2021.06

Ph.D. Computer Vision School of Artificial Intelligence and Automation

Shandong University 2012.09 - 2016.06

B.S. Automation School of Control Science and Engineering

PUBLICATIONS (W/ SUBMISSIONS)

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

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

Australian Institute for Machine Learning, University of Adelaide, 2019.06 - 2019.09

Australia

Visiting Ph.D. Student

Supervisor: Prof. Chunhua Shen

Megvii(Face++) Research, Beijing, China 2017.07 - 2019.05

Computer Vision Research Intern

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/yicszen/TorchSeg>

HONORS & AWARDS

1. National Scholarship, Ministry of Education of P.R. China, 2018
2. "Hewang" Electric Excellence Scholarship, Huazhong University of Science and Technology
3. Graduate Knowledge and Excellence Scholarship, Huazhong University of Science and Technology
4. Merit Student, Huazhong University of Science and Technology
5. Outstanding Student Cadre, Shandong University
6. Innovative Entrepreneurial Activities Advanced Individuals, Shandong University
7. First Class Prize, "RoboCup" Open Finals and China Robot Competition
8. Second Class Prize, National University Student Social Practice and Science Contest on Energy Saving & Emission Reduction
9. Second Class Prize, National College Students Innovation and Entrepreneurship Training Program
0. Second Class Prize, Shandong Province College Students "TI Cup" Electronic Design Competition
1. "Weichai Power" Scholarship, Shandong University

PROFESSIONAL ACTIVITIES

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