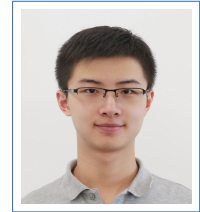


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Education

- 2017-2020 **Ph.D, MMLAB, The Chinese University of Hong Kong, Hong Kong.**
Supervisor: Xiaogang Wang
- 2012-2016 **B.E., major in computer science / math, BeiHang University, Beijing, China.**
Bachelor degree with the best bachelor thesis (1/230)

Work Experience

- 2016.01–now **Computer Vision Researcher, SenseTime Group Limited, Beijing, China.**
Research on object/face detection and recognition. Leader: Junjie Yan
- 2015–2016 **Computer Vision Research Intern, Microsoft Research (Asia), Beijing, China.**
Intern of Vision Computing group. Advisor: Fang Wen

Publication on Conference

- ECCV 2018 Transductive Centroid Projection for Semi-supervised Large-scale Recognition .**
Yu Liu, Guanglu Song, Jing Shao, Xiao Jin, Xiaogang Wang.
- CVPR 2018 Exploring Disentangled Feature Representation Beyond Face Identification .**
Yu Liu, Fangyin Wei, Jing Shao, Lu Sheng, Junjie Yan, Xiaogang Wang
- CVPR 2018 Beyond Trade-off: Accelerate FCN-based Face Detector with Higher Accuracy .**
Guanglu Song*, Yu Liu* (*equal contribution)
- AAAI 2018 Region-based Quality Estimation Network for Large-Scale Person Re-identification.**
Guanglu Song, Biao Leng, Yu Liu, Congrui Hetang, Shaofan Cai
- NIPS 2017 Rethinking Feature Discrimination and Polymerization for Large-scale Recognition .**
Yu Liu, Hongyang Li, Xiaogang Wang
- ICCV 2017 Recurrent Scale Approximation for Object Detection in CNN .**
Yu Liu, Hongyang Li, Junjie Yan, Fangyin Wei, Xiaogang Wang, Xiaoou Tang
- CVPR 2017 Quality Aware Network for Set to Set Recognition .**
Yu Liu, Junjie Yan, Wanli Ouyang
- CVPR 2017 Scale-Aware Face Detection .**
Zekun Hao, Yu Liu, Junjie Yan

- ECCV 2016 POI: Multiple Object Tracking with High Performance Detection and Appearance Feature.**
Fengwei Yu, Wenbo Li, Quanquan Li, **Yu Liu**, Xiaohua Shi, Junjie Yan
- 2017 Learning Deep Features Via Congenerous Cosine Loss for Person Recognition** , *arXiv preprint arXiv:1702.06890*.
Yu Liu, Hongyang Li, Xiaogang Wang
- 2017 Zoom Out-and-In Network with Recursive Training for Object Proposal** ,
arXiv preprint arXiv:1702.05711.
Hongyang Li, **Yu Liu**, Wanli Ouyang, Xiaogang Wang

Publication on Journal

- 2018 Zoom out-and-in network with map attention decision for region proposal and object detection** , *International Journal of Computer Vision (IJCV)*.
Hongyang Li, **Yu Liu**, Wanli Ouyang, Xiaogang Wang
- 2017 Crafting GBD-Net for Object Detection**, *IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI)*.
Xingyu Zeng, Wanli Ouyang, Junjie Yan, Hongsheng Li, Tong Xiao, Kun Wang, **Yu Liu**, Yucong Zhou, Bin Yang, Zhe Wang, Hui Zhou, Xiaogang Wang
- 2016 3-D Object Understanding with 3D Convolutional Neural Networks** ,
Information Science.
Biao Leng, **Yu Liu**, Kai Yu, Xiangyang Zhang, Zhang Xiong

Honors and Awards

- Won the first place in Multiple Objects Tracking Challenge (MOT16) in 2016(top 1)
- Won the first place in detection task of ImageNet (ILSVRC2016) in 2016(top 1)
- The best graduation thesis in Beihang University in 2016 (1/230)
- The Outstanding Winner of Challenge Cup of China in 2015(top 1)
- The First Prize of Fengru Cup (top 2.8%) in 2015
- CCF Certified Software Professionals top 5% in 2015
- Won research fundings for NTPIEU as project leader in 2014
- Won “Learning Merit Scholarship” twice in 2013 and 2014
- Won “Freshman Scholarship” from BeiHang University in 2012
- Won “Competition of science and technology scholarship” twice in 2013 and 2014

TA Experience

- 2018 ENGG2450A: Probability and Statistics for Engineers** , *The Chinese University of Hong Kong*.
- 2017 ELEG2401: Introduction to Embedded Systems**, *The Chinese University of Hong Kong*.
- 2015 Object-oriented programming course**, *BeiHang University*.
- 2014 Foundation of Computer Science**, *BeiHang University*.

Development

Languages MATLAB, C, C++, Python, MySQL, JAVA, HTML, PHP

Platform Linux, Windows

Library MATLAB, OpenCV, CUDA

Tools L^AT_EX, Office, PhotoShop, Origin