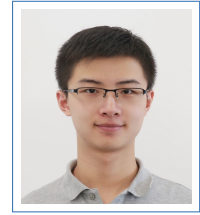


Yu Liu (Louis)

Room 304
Ho Sin Hang Engineering building
The Chinese University of Hong Kong
Shatin, N.T., Hong Kong
☎ +852 62392491
✉ liuyuisanai@gmail.com
🌐 liuyu.us



Education

- 2017-2021 **Ph.D, MMLAB, The Chinese University of Hong Kong**, Hong Kong.
Advisor: Xiaogang Wang
- 2012-2016 **B.E., major in computer science, BeiHang University**, Beijing, China.
Bachelor degree with the best bachelor thesis (1/230)
- 2012-2013 **Mathematics, BeiHang University**, Beijing, China.
Minor subject

Work Experience

- 2016.01–now **Computer Vision Researcher, Sensetime Group Limited**, Beijing, China.
Research on object detection and classification. 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

- 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 2017 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

- 2017 **Crafting GBD-Net for Object Detection**, *T-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
- 2016 **Cascade shallow CNN structure for face verification and identification**, *Neurocomputing*.

Honors and Awards

- Won the first place in ECCV-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 Second Prize for “Lan Qiao Cup” in Beijing area in 2014
- 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

- 2017 **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	Library	MATLAB, OpenCV, CUDA
Platform	Linux, Windows	Tools	L ^A T _E X, Office, PhotoShop, Origin