

Xiaohang Zhan

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<https://xiaohangzhan.github.io/>

EDUCATION

The Chinese University of Hong Kong, Department of Information Engineering <i>Ph.D of Information Engineering</i> <i>Advisor: Prof. Chen Change Loy</i>	Hong Kong Aug 2017 - present
Tsinghua University, Department of Vehicle Engineering <i>Bachelor of Automotive Engineering (With "Outstanding Graduate Award" (63/3500))</i> <i>GPA: 89.6/100 (rank: 3/89)</i>	Beijing, China Aug 2012 - Jul 2016

AREA OF INTEREST

Machine Learning and Computer Vision

RESEARCH EXPERIENCE

The Chinese University of Hong Kong, Multimedia Lab <i>Ph.D, with Chen Change Loy, Xiaoou Tang</i> <i>Project: semi-supervised and unsupervised learning; face recognition</i>	Hong Kong Aug 2017 - present
The Chinese University of Hong Kong, Multimedia Lab <i>Research Assistant, with Chen Change Loy</i> <i>Project: semantic segmentation</i>	Hong Kong Oct 2016 – Jul 2017
SenseTime Group Limited <i>R&D Intern, with Xudong Cao & Jianping Shi</i> <i>Project: lane detection algorithm</i>	Beijing Mar 2016 – Oct 2016
The Chinese University of Hong Kong, Multimedia Lab <i>Research Assistant, with Chen Change Loy</i> <i>Project: optic flow and motion boundaries prediction</i>	Hong Kong Jul 2015 – Sept 2015
Tsinghua University, State Key Laboratory of Automotive Safety and Energy <i>Research Assistant, with Jianqiang Wang</i> <i>Project: transplant of lane detection and vehicle tracking algorithms on embedded system</i>	Beijing Oct 2013 – Mar 2015

PUBLICATIONS

- [1] Xingang Pan, **Xiaohang Zhan**, Jianping Shi, Xiaoou Tang, Ping Luo. Switchable Whitening for Deep Representation Learning. ICCV 2019
- [2] Ziwei Liu, Zhongqi Miao, **Xiaohang Zhan**, Jiayun Wang, Boqing Gong, Stella Yu. Large-scale Long-Tailed Recognition in an Open World. CVPR 2019 (**Oral**)
- [3] Lei Yang, **Xiaohang Zhan**, Dapeng Chen, Junjie Yan, Chen Change Loy, Dahua Lin. Learning to Cluster Faces on an Affinity Graph. CVPR 2019 (**Oral**)
- [4] **Xiaohang Zhan**, Xingang Pan, Ziwei Liu, Dahua Lin, Chen Change Loy. Self-Supervised Learning via Conditional Motion Propagation. CVPR 2019
- [5] **Xiaohang Zhan**, Ziwei Liu, Junjie Yan, Dahua Lin, Chen Change Loy. Consensus-Driven Propagation in Massive Unlabeled Data for Face Recognition. ECCV 2018
- [6] **Xiaohang Zhan**, Ziwei Liu, Ping Luo, Xiaoou Tang, Chen Change Loy. Mix-and-Match Tuning for Self-Supervised Semantic Segmentation. AAAI 2018 (**Spotlight**)

ACTIVITIES

Reviewer of IJCV, CVPR, ICCV, BMVC

HONORS & AWARDS

Hong Kong PhD Fellowship, 2017, the Research Grants Council (RGC) of Hong Kong
Outstanding Graduate of Tsinghua University, 2016 (63 winners out of about 3500 graduates)

Outstanding Graduate of Beijing, 2016

Second class Academic Scholarship, 2015, Tsinghua

National Scholarship, 2014, Ministry of Education of China

Technological Innovation Scholarship, 2014, 2015, Tsinghua University

First class Academic Scholarship, 2013, 2014, Tsinghua University

Third class Social Work Scholarship, 2014, Tsinghua University

Special class Integrated Excellence Scholarship, 2013, Tsinghua University

“Spark” Innovative Talent Cultivation Program for Students of Tsinghua University (50 out of about 3500 students)

SKILLS

Programming Language: Python, C/C++, MATLAB

Others: Chinese food cooking, photography