**Xiaohang Zhan**

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

**EDUCATION**

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

**AREA OF INTEREST**

Machine Learning and Computer Vision

**RESEARCH EXPERIENCE**

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

**PUBLICATIONS**

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| [1] Ziwei Liu\*, Zhongqi Miao\*, Xingang Pan, **Xiaohang Zhan**, Stella X. Yu, Dahua Lin, Boqing Gong. Compound Domain Adaptation in an Open World. ArXiv Preprints.  [2] Xingang Pan, **Xiaohang Zhan**, Jianping Shi, Xiaoou Tang, Ping Luo. Switchable Whitening for Deep Representation Learning. ICCV 2019  [3] Ziwei Liu\*, Zhongqi Miao\*, **Xiaohang Zhan**, Jiayun Wang, Boqing Gong, Stella Yu. Large-scale Long-Tailed Recognition in an Open World. CVPR 2019 (**Oral**)  [4] Lei Yang, **Xiaohang Zhan**, Dapeng Chen, Junjie Yan, Chen Change Loy, Dahua Lin. Learning to Cluster Faces on an Affinity Graph. CVPR 2019 (**Oral**)  [5] **Xiaohang Zhan**, Xingang Pan, Ziwei Liu, Dahua Lin, Chen Change Loy. Self-Supervised Learning via Conditional Motion Propagation. CVPR 2019  [6] **Xiaohang Zhan**, Ziwei Liu, Junjie Yan, Dahua Lin, Chen Change Loy. Consensus-Driven Propagation in Massive Unlabeled Data for Face Recognition. ECCV 2018  [7] **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, AAAI

**HONORS & AWARDS**

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| Winner of Facebook AI Self-Supervision Challenge, 2019  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) |