Xiaohang Zhan

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https://xiaohangzhan.github.io/

EDUCATION

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

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

[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

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)