

Xiaopeng Yan

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EDUCATION AND WORK EXPERIENCE

SenseTime	ShenZhen, China
Computer Vision Researcher in EIG Research	July 2019-present
Sun Yat-sen University	GuangZhou, China
Master in Computer Science, advised by Prof. Liang Lin	Sep. 2017-June 2019
Sun Yat-sen University	GuangZhou, China
Bachelor in Automation (GPA 3.88, ranking 5/75)	Sep. 2013-June 2017

HONORS AND AWARDS

Excellent Graduate Award	2018
Graduate First Class Scholarship	2018
Excellent Graduation Thesis	2017
Excellent Scholarship	2014/2015/2016

RESEARCH INTERESTS

Computer Vision

Object Detection, Object Recognition

Machine Learning

Semi-supervised Learning, Few-shot Learning

PUBLICATIONS

- [1]. **Xiaopeng Yan**, Riquan Chen, Litong Feng, Lei Yang, Jingkang Yan, Qingqiu Huang, Wayne Zhang. Progressive Representative Labeling for Deep Semi-Supervised Learning. *In Proceedings of Conference on Neural Information Processing Systems (NeurIPS), 2020.* (under peer-review)
- [2]. **Xiaopeng Yan**, Ziliang Chen, Anni Xu, Xiaoxi Wang, Xiaodan Liang, Liang Lin. Meta R-CNN: Towards General Solver for Instance-level Few-shot Learning. *In Proceedings of IEEE International Conference on Computer Vision (ICCV), 2019.*
- [3]. Keze Wang, **Xiaopeng Yan**, Dongyu Zhang, Lei Zhang, Liang Lin. Towards Human-Machine Cooperation: Self-supervised Sample Mining for Object Detection. *In Proceedings of IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2018.*
- [4]. Keze Wang, Liang Lin, **Xiaopeng Yan**, Ziliang Chen, Dongyu Zhang, Lei Zhang. Self-supervised Sample Mining with Switchable Selection Criteria for Object Detection. *In IEEE Transactions on Neural Networks and Learning System (T-NNLS), 2018.*
- [5]. Ziliang Chen, Zhanfu Yang, Xiaoxi Wang, Xiaodan Liang, **Xiaopeng Yan**, Guanbin Li, and Liang Lin. Multivariate-Information Adversarial Ensemble for Scalable Joint Distribution Matching. *In Proceedings of IEEE International Conference on Machine Learning (ICML), 2019.*

CONTEST HONORS

The 1st Place Semi-Supervised Challenge of the FGVC7 workshop at CVPR 2020
The 2nd Place In AI Future Comic Face Recognition Contest

The 6th Place In Mei-tu Short Video Recognition Challenge 2018.