Wenxuan Wang

Curriculum Vitae

PERSONAL DETAILS

Supervisor	Prof. Xiangyang Xue and Prof. Yanwei Fu
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EDUCATION

Ph.D 2017-present

Fudan University

I am a second year Ph.D student in the Department of Computer Science. I am working in the area of computer vision, machine learning and deep learning. At present, I devote to the research of image forensics, generative adversarial networks, person re-identification, face recognition, attribute classification with deep learning.

BSc. 2013-2017

Northwestern Polytechnical University

During my undergraduate study, my major is Computer Science and Technology. On the one hand, I studied assiduously, and achieved outstanding results. On the another hand, I extended my knowledge actively, participated in the ACM contests, Mathematical Modeling Contests and National University Student Innovation Project.

CONFERENCE PUBLICATION

1. **W. Wang**, X. Qian, Y. Fu, Q. Tian, YG. Jiang, X. Xue. FMMu-Net: Face Morphological Multi-branch Network for Makeup-invariant Face Verification. IEEE/CVF Conference on Computer Vision and Pattern Recognition. (CVPR 2020)

2. X. Qian, **W. Wang**, L. Zhang, F. Zhu, Y. Fu, T. Xiang, YG. Jiang, X. Xue. Long-Term Cloth-Changing Person Re-identification. Asian Conference on Computer Vision. (ACCV 2020 Oral)

3. **W. Wang**, Q. Sun, Y. Fu, T. Chen, C. Cao, Z. Zheng, G. Xu, H. Qiu, YG. Jiang, X. Xue. Comp-GAN: Compositional Generative Adversarial Network in Synthesizing and Recognizing Facial Expression. The 27th ACM International Conference on Multimedia. (ACM MM 2019)

4. X. Qian, Y. Fu, T. Xiang, **W. Wang**, J. Qiu, Y. Wu, YG. Jiang, X. Xue. Pose-Normalized Image Generation for Person Re-identification. European Conference on Computer Vision. (ECCV 2018)

PREPRINT

1. Y. Fu, F Li, **W. Wang**, H Tang, X Qian, M Gu, X Xue. A New Screening Method for COVID-19 based on Ocular Feature Recognition by Machine Learning Tools. (Arxiv 2020)

2. **W. Wang**, Y. Fu, Q. Sun, T. Chen, C. Cao, Z. Zheng, G. Xu, H. Qiu, YG. Jiang, X. Xue. Learning to Augment Expressions for Few-shot Fine-grained Facial Expression Recognition. (Arxiv 2019)

3. **W. Wang**, Q. Sun, T. Chen, C. Cao, Z. Zheng, G. Xu, H. Qiu, Y. Fu. A Fine-Grained Facial Expression Database for End-to-End Multi-Pose Facial Expression Recognition. (Arxiv 2018)

PROJECT EXPERIENCE

Facial Expression Recognition Under Few-shot Setting 2018.9-2019.6

Ping An OneConnect and Fudan University

This project is aimed at recognizing subtle facial expression in the insufficient training data condition. I am primarily responsible for algorithm study.

Adversarial Attack 2020.5-

Tencent YouTu

The initial goal is to study the robustness of the deep neural networks and generating adversarial examples.

TEACHING ASSISTANT

Fudan University, Information System Security 2018.9-2019.2

SKILLS

Languages	Chinese, English
Software	Linux, Matlab, C, Python, Caffe, PyTorch, Tensorflow