Xuelin Qian, Ph.D. Candidate

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Education

2015 – ····   🔖 **Ph.D., Fudan University.**
I am a fifth 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 Person Re-Identification, Person Attribute, Face Recognition, Objection Detection with deep learning.

2011 – 2015   🔖 **B.Sc., Xidian University.**
I majored in Mathematics and Applied Mathematics during my undergraduate study. In addition to studying basic courses, I also extended my knowledges by participating in the ACM contests, Mathematical Modeling Contests and National University Student Innovation Project.

Research Publications

Journal Articles

1. **Qian**, **X.**, Fu, Y., Xiang, T., Jiang, Y.-G., & Xue, X. (2019). Leader-based multi-scale attention deep architecture for person re-identification. *IEEE transactions on pattern analysis and machine intelligence.*

Conference Proceedings

1. Wan, F., Wu, Y., **Qian**, **X.**, & Fu, Y. (2020). When person re-identification meets changing clothes. In *Arxiv preprint arxiv:2003.04070.*

2. Wang, W., Fu, Y., **Qian**, **X.**, Jiang, Y.-G., Tian, Q., & Xue, x. (2020). Fmmu-net: face morphological multi-branch network for makeup-invariant face verification. In *Proceedings of the ieee/cvf computer vision and pattern recognition (cvpr)* (pp. xxxx–xxxx).

3. **Qian**, **X.**, Fu, Y., Xiang, T., Wang, W., Qiu, J., Wu, Y., … Xue, X. (2018). Pose-normalized image generation for person re-identification. In *Proceedings of the european conference on computer vision (eccv)* (pp. 650–667).

4. Zhuo, H., **Qian**, **X.**, Fu, Y., Yang, H., & Xue, X. (2018). Scsp: spectral clustering filter pruning with soft self-adaption manners. In *Arxiv preprint arxiv:1806.05320.*

5. **Qian**, **X.**, Fu, Y., Jiang, Y.-G., Xiang, T., & Xue, X. (2017). Multi-scale deep learning architectures for person re-identification. In *Proceedings of the ieee international conference on computer vision (iccv)* (pp. 5399–5408).

Project Experience

2019 – 2020 　🔖 **Theory of novel deep learning and Research on brain-inspired intelligence algorithm.**
Project Number: 16JC1420400
Major Duty: person re-identification, algorithm research, modeling

🔖 **Person Re-identification in Group.**
Cooperator Unit: Shanghai New Zailing Technology
Major Duty: data processing, algorithm research, modeling

2015 – 2016 　🔖 **Fast Tiny Object Detection in Complex Background Image**
Project Number: KX152600005
Cooperator Unit: The 54th Research Institute of China Electronics Technology Group Corporation
Major Duty: collecting data, studying algorithm, writing report

🔖 **Age Estimation and Analysis.**
Cooperator Unit: Shanghai Institutes for Biological Sciences
Major Duty: data processing, algorithm research

Miscellaneous Experience

Internship and Visiting

2019.8-2019.12 　🔖 Tencent. Involved in projects of face reenactment, pose generation.
2017.6-2017.8 　🔖 Nara Institute of Science and Technology. Advised by Prof. Yang Wu and focus on researches of person re-identification

Awards and Honors

🔖 Huawei Scholarship, 2019
🔖 University-level Outstanding Students, 2015

Academic Activities

Conference Reviewer 　🔖 CVPR, ICCV, ECCV, AAAI

Teaching Assistant

2016.9-2017.2 　🔖 Fudan University, DATA130014.01, Advanced Big Data Analytics
2018.9-2019.2 　🔖 Fudan University, COMP120004.07, Linear Algebra

Skills

Languages 　🔖 Mandarin Chinese, English
Coding 　🔖 Python, Matlab, C/C++
Deep Learning tools 　🔖 PyTorch, Caffe, Tensorflow

References

Available on Request