

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, Object 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

-  **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

-  **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).
-  **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*.
-  **Qian, X.**, Fu, Y., Jiang, Y., 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 **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: KXI52600005
Cooperator Unit: The 54th Research Institute of China Electronics Technology Group Corporation
Major Duty: collecting data, studying algorithm, writing report

Project Experience (continued)

- 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