



Xuelin Qian, Ph.D. Candidate

-  **Mentor:** Prof. Xiangyang Xue and Prof. Yanwei Fu
-  **Institution:** Fudan University, Shanghai, China
-  **Phone:** (+86)17521712563
-  **Mail:** xuelinq92@gmail.com, xlqian15@fudan.edu.cn
-  **Homepage:** <https://naiq.github.io>
-  **Google Scholar:** [click me]





Education






- 2015 – ····  **Ph.D., Fudan University.**
I am a sixth 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, Medical Imaging Analysis, 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

-  **Qian, X.**, Fu, H., Shi, W., Chen, T., Fu, Y., Shan, F., & Xue, X. (2020). M³lung-sys: a deep learning system for multi-class lung pneumonia screening from ct imaging. *IEEE journal of biomedical and health informatics (JBHI)*, 24(12), 3539–3550.
-  **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 (PAMI)*, 42(2), 371–385.

Conference

-  **Qian, X.**, Wang, W., Zhang, L., Zhu, F., Fu, Y., Xiang, T., ... Xue, X. (2020). Long-term cloth-changing person re-identification. *Proceedings of the fifteenth asian conference on computer vision (accv)*.
-  Wan, F., Wu, Y., **Qian, X.**, Chen, Y., & Fu, Y. (2020). When person re-identification meets changing clothes. *Proceedings of the ieee/cvf conference on computer vision and pattern recognition workshops (cvprw)*, 830–831.
-  Wang, W., Fu, Y., **Qian, X.**, Jiang, Y.-G., Tian, Q., & Xue, X. (2020). Fm2u-net: face morphological multi-branch network for makeup-invariant face verification. *Proceedings of the ieee/cvf conference on computer vision and pattern recognition (cvpr)*, 5730–5740.
-  **Qian, X.**, Fu, Y., Xiang, T., Wang, W., Qiu, J., Wu, Y., ... Xue, X. (2018). Pose-normalized image generation for person re-identification. *Proceedings of the european conference on computer vision (eccv)*, 650–667.
-  **Qian, X.**, Fu, Y., Jiang, Y.-G., Xiang, T., & Xue, X. (2017). Multi-scale deep learning architectures for person re-identification. *Proceedings of the ieee international conference on computer vision (iccv)*, 5399–5408.

Technical Report

- 1 Fu, Y., Li, F., Wang, W., Tang, H., **Qian, X.**, Gu, M., & Xue, X. (2020). A new screening method for covid-19 based on ocular feature recognition by machine learning tools. In *Arxiv preprint arxiv:2009.03184*.
- 2 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*.

Project Experience

- 2019 – 2020
- **Theory of novel deep learning and Research on brain-inspired intelligence algorithm.**
Project Number: I6JCI420400
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: KXI52600005
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

- 2020.6–now
- Amazon AI. Advised by Dr. Yi Zhu, Dr. Tong He and Dr. Mu Li. Focus on the research of 3D detection.
- 2019.8–2020.1
- Tencent. Involved in projects of face reenactment and 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

- Intel Scholarship, 2020
- Huawei Scholarship, 2019
- Excellent Academic Scholarship for Ph.D. students of Fudan University, 2016,2017,2018
- University-level Outstanding Students, 2015


Academic Activities

- Conference Reviewer
- CVPR, ECCV, ICCV, NeurIPS, AAI, ACM MM, IJCAI, WACV, ACCV

Miscellaneous Experience (continued)


Journal Reviewer  TMM, JBHI


Teaching Assistant

2018.9–2019.2  Fudan University, COMP120004.07, Linear Algebra

2016.9–2017.2  Fudan University, DATA130014.01, Advanced Big Data Analytics

Skills

Languages  Mandarin Chinese, English

Coding  Python, Matlab, C/C++

Deep Learning tools  PyTorch, Caffe, Tensorflow

References

Available on Request