Can Qin

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EDUCATION BACKGROUND

Northeastern University (NEU) **Boston, MA, USA**
Ph.D, Computer Engineering, College of Engineering *Sept. 2018-Present*
Advisor: Prof. Yun Raymond Fu

Xidian University (XDU) **Xi'an, Shannxi, China**
B.Eng., School of Microelectronics *Sept. 2014-Jun. 2018*
GPA: 3.79/4.00, Ranking: Top 5%

PROFESSIONAL EXPERIENCE

Northeastern University (NEU) **Boston, MA, USA**
Research Assistant *Spet. 2018-Present*

- Research Areas: Theory and application in Computer Vision, Machine Learning and Data Mining.
- Advisor: Prof. Yun Raymond Fu

Adobe **San Jose, CA, USA**
Data Science Intern *Jun. 2019-Aug. 2019*

- Project: Analysis of ads images contents and prediction of their click-through-rate (CTR).
- Advisor: Dr. Jie Zhang, Dr. Yiwen Sun and Dr. Bo Peng

Xidian University (XDU) **Xi'an, Shannxi, China**
Research Assistant *Sept. 2017-May 2018*

- Project: Semi-supervised scene parsing by constrained clustering.
- Advisor: Prof. Maoguo Gong

PREPRINTS

- Yu Yin, Joseph P Robinson, Songyao Jiang, Yue Bai, **Can Qin**, Yun Fu. "SuperFront: From Low-resolution to High-resolution Frontal Face Synthesis". *arXiv:2012.04111, 2020.*

PUBLICATIONS

- Huan Wang, **Can Qin**, Yulun Zhang, Yun Fu. "Neural Pruning via Growing Regularization". *International Conference on Learning Representations (ICLR), 2021.*
- **Can Qin**, Lichen Wang, Qianqian Ma, Yu Yin, Huan Wang, Yun Fu. "Contradictory Structure Learning for Semi-supervised Domain Adaptation". *SIAM International Conference on Data Mining (SDM), 2021.*
- Joseph P Robinson, Gennady Livitz, Yann Henon, **Can Qin**, Yun Fu, Samson Timoner. Face Recognition: Too Bias, or Not Too Bias? *CVPR Workshop on Fair, Data Efficient and Trusted Computer Vision, 2020.*
- Yunyu Liu, Lichen Wang, Yue Bai, **Can Qin**, Zhengming Ding, Yun Fu. "Generative View-

Correlation Adaptation for Semi-Supervised Multi-View Learning". *European Conference on Computer Vision (ECCV), 2020.*

- Lichen Wang, Yunyu Liu, **Can Qin**, Gan Sun, Yun Fu. "Dual Relation Semi-supervised Multi-label Learning". *Thirty-Fourth AAAI Conference on Artificial Intelligence (AAAI), 2020.*

- **Can Qin***, Haoxuan You*, Lichen Wang, C.-C. Jay Kuo, Yun Fu. "PointDAN: A Multi-Scale 3D Domain Adaption Network for Point Cloud Representation". *Advances in Neural Information Processing Systems (NeurIPS), 2019.*(* equal contribution)

- **Can Qin**, Lichen Wang, Yulun Zhang, Yun Fu. "Generatively Inferential Co-Training for Unsupervised Domain Adaptation". *ICCV Workshop on Real-World Recognition from Low-Quality Images and Videos, 2019.*(**Best Paper Award**)

- **Can Qin**, Maoguo Gong, Yue Wu, Dayong Tian, Puzhao Zhang. "Efficient Scene Labeling via Sparse Annotations". *Smart IoT Workshop at the AAAI Conference on Artificial Intelligence, 2018.*

- Shanfeng Wang, Maoguo Gong, **Can Qin**, Junwei Yang. "A Multi-objective Framework for Location Recommendation Based on User Preference". *IEEE Conference on Computational Intelligence and Security (CIS), 2017.*

- Wenping Ma, Yue Wu, Maoguo Gong, **Can Qin**, Shanfeng Wang. "Local Probabilistic Matrix Factorization for Personal Recommendation". *IEEE Conference on Computational Intelligence and Security (CIS), 2017.*

SERVICE

- **SPC:** IJCAI 2021.
- **Reviewer:** IEEE Computational Intelligence Magazine, IEEE TIP, IJCAI, AAAI, CVPR, ICCV.
- **Volunteer:** IEEE FG 2018.

PROGRAMMING SKILLS

- **Language:** Python, MATLAB, C, LATEX and others.
- **Machine Learning Frameworks:** PyTorch, TensorFlow, Sklearn, OpenCV and others.

AWARDS & ACHIEVEMENTS

- Best Paper Award of ICCV Workshop on RLQ   *2019*
- The Star of 2018-Graduates in XDU (Highest honor, top 1%)   *2018*
- The First Prize Scholarship in XDU (Top 5%)   *2016, 2017*
- Meritorious Winner of the Interdisciplinary Contest in Modeling   *2016*
- Outstanding Student Leader in XDU   *2015*