# 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: Algorithms of transfer learning and their application on computer vision tasks.
- 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

- Joseph P Robinson, Gennady Livitz, Yann Henon, **Can Qin**, Yun Fu, Samson Timoner. Face Recognition: Too Bias, or Not Too Bias? *arXiv preprint arXiv:2002.06483, 2020.*
- **Can Qin**, Lichen Wang, Qianqian Ma, Yu Yin, Huan Wang, Yun Fu. Opposite Structure Learning for Semi-supervised Domain Adaptation. *arXiv preprint arXiv:2002.02545, 2020.*

## PUBLICATIONS

- 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

- **Reviewer:** IEEE Computational Intelligence Magazine, IJCAI-2020.
- **Volunteer:** 13th IEEE Conference on Automatic Face and Gesture Recognition, 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*