

Xiaoqing GUO

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EDUCATION

City University of Hong Kong (CityU), Hong Kong

Sep. 2018 - Present

Ph.D. in Department of Electrical Engineering (EE)

Supervisor: Prof. Yixuan Yuan, GPA: 3.925/4

Beihang University (BUAA), Beijing, China

Sep. 2014 - Jun. 2018

B.E. in Biomedical Engineering (BME)

GPA: 3.64/4, (**Honor: Outstanding Undergraduate Thesis Award**)

PREVIOUS WORK EXPERIENCE

Tsinghua University, Beijing, China

Sep. 2017 - Jul. 2018

Research Assistant in Department of Electrical Engineering (EE)

Supervisor: Prof. Yongfeng Huang

RESEARCH INTERESTS

Medical Image Analysis, Deep Learning.

My research interests include abnormality recognition and segmentation, brain tumor diagnosis and survival prediction. Recently, I am dedicated to making adequate use of unannotated data.

PUBLICATIONS ([GOOGLE SCHOLAR](#))

1. **Xiaoqing Guo**, Yixuan Yuan. "Triple ANet: Adaptive Abnormal-aware Attention Network for WCE Image Classification." *The 22nd International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI 2019)*, Shenzhen, China. (Early Accept)
2. Yixuan Yuan, Wenjian Qin, **Xiaoqing Guo**, Mark Buyyounouski, Steve Hancock, Bin Han, Lei Xing. "Prostate Segmentation with Encoder-Decoder Densely Connected Convolutional Network (ED-DenseNet)." *The 16th IEEE International Symposium on Biomedical Imaging (ISBI 2019)*, Venice, Italy
3. Zhongliang Yang, **Xiaoqing Guo**, Ziming Chen, Yongfeng Huang, Yujin Zhang. "RNN-stega: Linguistic steganography based on recurrent neural networks." *IEEE Transactions on Information Forensics and Security (TIFS)*, 14(5): 1280-1295, 2019. (**Impact Factor: 6.211**)
4. Siyuan Shan, Wen Yan, **Xiaoqing Guo**, Eric I Chang, Yubo Fan, Yan Xu. "Unsupervised End-to-end Learning for Deformable Medical Image Registration." *arXiv*, <https://arxiv.org/abs/1711.08608>

PUBLICATIONS UNDER REVIEW

1. **Xiaoqing Guo**, Yixuan Yuan. "Semi-supervised WCE Image Classification with Adaptive Aggregated Attention." *IEEE Transactions on Medical Imaging (TMI)*.

SELECTED AWARDS

- Grand Prize in the 25th “Feng Ru Cup” Competition (one of 9 winners in Beihang University)
- Honorable Mention of 2016 Mathematical Contest in Modeling

PROFESSIONAL ACTIVITIES

Technical Reviewers

- MICCAI 2019

Conference Presentations

- ISBI 2018, Venice, Italy

Apr. 2019