Xiaoqing Guo

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EDUCATION

City University of Hong Kong, Hong Kong　　　　　　　　　　　**Sept.2018 - Present**

Ph.D. Student, Department of Electronic Engineering (EE)
GPA: 3.92/4.0,
Advisor: Prof. Yixuan Yuan

Beihang University, Beijing, China　　　　　　　　　　　　　**Sept.2014 - Jun.2018**

Bachelor of Engineering in Biomedical Engineering (BME)
GPA: 3.64/4.0, (**Honor: Outstanding Undergraduate Thesis Award**)

PUBLICATIONS (Google Scholar Profile)

Triple ANet: Adaptive Abnormal-aware Attention Network for WCE Image Classification
- **Xiaoqing Guo**, Yixuan Yuan
- Ealry accepted by International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI 2019), Shenzhen, China.

Prostate Segmentation with Encoder-Decoder Densely Connected Convolutional Network (ED-DenseNet)
- Yixuan Yuan, Wenjian Qin, **Xiaoqing Guo**, Mark Buyyounouski, Steve Hancock, Lei Xing
- Accepted by IEEE International Symposium on Biomedical Imaging (ISBI 2019), Venice, Italy.

RNN-Stega: Linguistic Steganography Based on Recurrent Neural Networks
- Zhongliang Yang, **Xiaoqing Guo**, Ziming Chen, Yongfeng Huang*, Yujin Zhang
- IEEE Transactions on Information Forensics & Security, 2019

Unsupervised End-to-end Learning for Deformable Medical Image Registration
- Siyuan Shan, Wen Yan, **Xiaoqing Guo**, Eric I-Chao Chang, Yubo Fan and Yan Xu*
- In progress. https://arxiv.org/abs/1711.08608

PAPER UNDER REVIEW

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

WORK EXPERIENCE

Tsinghua University, Beijing, China　　　　　　　　　　　　　**Sept.2017 - Jul.2018**
Research Assistant, Department of Electronic Engineering (EE)
Advisor: Prof. Yongfeng Huang

RESEARCH SKILLS

- Skills: Python, Matlab, Linux shell programming, C++
- Applications: Tensorflow, Caffe, Latex, ANTs, ITK, Elastix

AWARDS AND HONORS

- 2nd Award of Beihang University Math competition
- Grand Prize in the 25th "Feng Ru Cup" Competition of Innovation
- 2nd Award of Beihang University Outstanding Academic Performance Scholarship
- Honorable Mention of 2016 Mathematical Contest in Modeling
- 2nd Award of Beihang University Academic Competition Scholarship