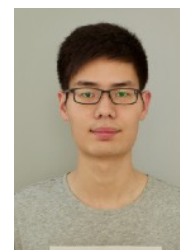# Liqiang Xiao

Sex： Male   Age: 23   Birthplace： Xi'an, Shanxi, China
Education： Shanghai Jiao Tong University
Degree： Ph.D. Candidate
Major: Information and Communication Engineering
Email: xiaoliqiang@sjtu.edu.cn
Mobile: 86-17051034127

Research Experience

❖ 《A GENERALIZED RECURRENT NEURAL ARCHITECTURE FOR TEXT CLASSIFICATION WITH MULTI-TASK LEARNING》 SECOND AUTHOR; ACCEPTED BY IJCAI2017

This work combines three methods of information sharing in multi-task learning. It enhanced the information flow between tasks. I help revise the model and conduct part of the experience in this work.

❖ DEFORMABLE CNN FOR TEXT CLASSIFICATION

This work endows the CNNs with a deformable structure to learn the pattern of feature deformation, enhancing the adaptability of modes for variance of features. The results demonstrate that deformable CNNs are able to capture the key phrases more precisely. This work has been summarized into a paper and is going to be submitted.

❖ INTERFERENCE-FREE MULTI-TASK CNN

This work designs a new structure for multi-task CNNs to overcome the undesirable interference among multiple tasks. A relatively separative structure is proposed in my work to reduce the interference, which is able to selectively exchange the useful features among tasks. This work is ready to submit.

Internship Experience

❖ INTERNSHIP IN SI'XIAN COMPANY   SEP. 2017—NOV. 2017

Non-structural judicial documents processing: 1. generating labels from a large scale of judicial documents 2. programming to automatically extract key information (labels) from non-structural documents, transforming them into structural data.

Honor

2nd data application contest of 'mirror cup' – The third winner   Jun. 2017

Education

Shanghai Jiao Tong University – Ph.D.   Sep. 2016–Present
Xi'an Jiaotong University – Bachelor's Degree   Sep. 2012–Jul.2016

Skills

Proficient in python programming
Enable to design and build deep learning model with Tensorflow and Karas
Familiar with HTML, CSS, Flask, mySQL, Crawler

Research Interest

Nature Language Processing； Machine Learning； Text Classification