WEN-TAO ZHANG (TOBY)

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EDUCATION

Peking University *Sep. 2013 - Present*
B.S. in Computer Science

– Overall GPA: 3.52/4.0   Major GPA: 3.62/4.0

National Engineering Laboratory for Video Technology (NELVT), Video Coding Technology Lab
Advisor: Siwei Ma

EXPERIENCE

Students' Association of College of EECS *Sep. 2013 - Jun. 2014*
Member of Acadamic Dept.
Organized several lectures about overseas studying and postgraduate recommendation

Video Coding Technology Lab *Apr. 2015 - Present*
Intern
Did research on High Efficiency Video Coding
Building an application that can search for a specific frame in a video

AWARDS, GRANTS & HONORS

International Olympiad in Informatics (IOI) 2013 China Team Selection Competition Ninth Place

Merit Student of Peking University, 2013 - 2014 Acadamic Year

Tung OOCL Scholarship, 2013 - 2014 Acadamic Year

The ACM-ICPC Asia Regional Contest Mudanjiang Site 2014 Gold Medal (Tenth Place)

PROJECTS

Image Segmentation *Jun. 2015*
A naive implementation based on Graph-Cut algorithm
https://github.com/nsknojj/graph-cut-based-on-maxflow

Log File System *Jan. 2016*
Designed a client caching mechanism for Hadoop Distributed File System (HDFS)
https://github.com/nsknojj/LogFileSystem

Pedestrian and Car Detection on Dataset PKUSVD *Nov.2015 - Dec. 2015*
Neural network was based on Fast-RCNN, Proposal algorithm: ACF & EdgeBox
https://github.com/nsknojj/fast-rcnn-final

Birdway *Oct. 2015 - Dec. 2015*
A collaborative editing plugin for Atom
https://github.com/yangzhixuan/birdway   https://github.com/nsknojj/Birdway-Server