

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 Academic 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 Academic Year

Tung OoCL Scholarship, 2013 - 2014 Academic 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>