CURRICULUM VITAE

Xindi Shang

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE, Singapore   2016 - present
Ph.D. Student in Computer Science
- Advised by Professor Chua, Tat-Seng
- Focus areas: video understanding, computer vision, deep learning

ZHEJIANG UNIVERSITY, Hangzhou, China   2010 - 2014
Bachelor of Engineering in Computer Science

PUBLICATIONS

Video Visual Relation Detection
Xindi Shang, Tongwei Ren, Jingfan Guo, Hanwang Zhang, Tat-Seng Chua. ACM MM 2017

Object Trajectory Proposal
Xindi Shang, Tongwei Ren, Hanwang Zhang, Gangshan Wu, Tat-Seng Chua. ICME 2017

Learning from Collective Intelligence: Feature Learning Using Social Images and Tags
Hanwang Zhang, *Xindi Shang*, Huan-Bo Luan, Meng Wang, Tat-Seng Chua. TOMM 2016

Online Collaborative Learning for Open-Vocabulary Visual Classifiers
Hanwang Zhang, *Xindi Shang*, Wenzhuo Yang, Huan Xu, Huan-Bo Luan, Tat-Seng Chua. CVPR 2016

Discrete Image Hashing Using Large Weakly Annotated Photo Collections
Hanwang Zhang, Na Zhao, *Xindi Shang*, Huan-Bo Luan, Tat-Seng Chua. AAAI 2016

Deep Learning Generic Features for Cross-Media Retrieval
Xindi Shang, Hanwang Zhang, Tat-Seng Chua. MMM 2016

Mental Visual Browsing
Jun He, *Xindi Shang*, Hanwang Zhang, Tat-Seng Chua. MMM 2016

Learning Features from Large-scale, Noisy and Social Image-Tag Collection
Hanwang Zhang, *Xindi Shang*, Huan-Bo Luan, Yang Yang, Tat-Seng Chua. ACM MM 2015

Topic Aspect-oriented Summarization via Group Selection
Hanyin Fang, Weiming Lu, Fei Wu, Yin Zhang, *Xindi Shang*, Jian Shao, Yueting Zhuang. Neurocomputing 149: 1613-1619 (2015)

RESEARCH EXPERIENCE

NUS-Tsinghua Extreme Search Centre, Singapore   2014 - 2016
Research assistant advised by Professor Chua, Tat-Seng
Researched on deep architecture of sparse coding and feature learning

ZJU Digital Media Computing & Design Laboratory, Hangzhou, China   2012 - 2014
Advised by Professor Wu, Fei
Studied sparse coding in document summarization

ZJU Robotics Laboratory, Hangzhou, China   2010 - 2013
Advised by Professor Xiong, Rong
Developed toolboxes and maintained the ZJUNlict system for RoboCup (small size league).

TEACHING EXPERIENCE

National University of Singapore CS2108: Introduction to Media Computing   2017
National University of Singapore CS2103: Software Engineering   2016

Honors and Awards

NUS School of Computing Research Achievement Award	2018
NUS President's Graduate Fellowship	2016 - 2018
ZJU Scholarship for Excellence in Research and Innovation	2013
Meritorious Winner in US Mathematical Contest in Modeling	2013
Champion in China Robotic Contest and RoboCup Open Championship	2011