# Curriculum Vitae

Xindi Shang

Email: shangxin@comp.nus.edu.sg

Tel: (+65) 93591693

## 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 CS2103: Software Engineering            2016

## HONORS AND AWARDS

NUS President's Graduate Fellowship                            2016 - 2017
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