# 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

## HONORS AND AWARDS

| | |
|---|---|
| ACM TOMM Nicolas D. Georganas Best Paper Award | 2018 |
| NUS School of Computing Research Achievement Award | 2018 |
| NUS President's Graduate Fellowship | 2016 - 2018 |
| Honorable Mention in GIX Innovation Competition | 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 |

## PUBLICATIONS

**Annotating Objects and Relations in User-Generated Videos**
*Xindi Shang*, Donglin Di, Junbin Xiao, Yu Cao, Xun Yang, Tat-Seng Chua. ICMR 2019

**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)

## TEACHING EXPERIENCE

| | |
|---|---|
| Teaching Assistant NUS CS5242: Neural Networks and Deep Learning | 2018 |
| Teaching Assistant NUS CS2108: Introduction to Media Computing | 2017 |
| Teaching Assistant NUS CS2103: Software Engineering | 2016 |

## 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
Researched on 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).