

# Jinzhao Wang

Peking University  
EECS Department

Birthday: 1991.01  
Place of Birth: Shenyang, Liaoning, China  
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## Education

Peking University, China. 2009 - present

Ph.D Candidate in EECS, 2013 - present

Advisor: Prof. Wen Gao, Prof. Wenmin Wang

B.S. in EECS, 2009.9 - 2013.6

## Research Area

Deep learning, Artificial Intelligence, Computer Vision

## Programming Skills

Programming languages: C/C++, Matlab, Python

Deep learning frameworks: Tensorflow, Torch7, Caffe

## Publications

### *Journal Articles*

**Jinzhao Wang**, Wenmin Wang, Ronggang Wang, Wen Gao. CSPS: An Adaptive Pooling Method for Image Classification. IEEE Transaction on Multimedia. 2016, 18(6):1000-1010

### *Proceedings*

**Jinzhao Wang**, Wenmin Wang, Ronggang Wang, Wen Gao. Beyond Monte Carlo Tree Search: Playing Go with Deep Alternative Neural Networks and Long-Term Evaluation. In AAAI 2017

Xionghao Chen, Wenmin Wang, **Jinzhao Wang**, Weimian Li. Learning Object-Centric Transformations for Video Prediction. In ACM MM 2017

Baoyang Chen, Wenmin Wang, **Jinzhao Wang**. Imagination on image: Synthesizing Videos with Transformation Generation. In ACM MM Workshop 2017

Yihao Zhang, Wenmin Wang, **Jinzhao Wang**. Collaborative Networks for Person Verification. In ACM MM Workshop 2017

Hongmeng Song, Wenmin Wang, **Jinzhao Wang**, Ronggang Wang. Collaborative Deep Networks for Pedestrian Detection. In BigMM 2017. **Best Paper Award**

Xiongtao Chen, Wenmin Wang, Weimian Li, **Jinzhao Wang**. Attention-Based Two-Phase Model for Video Action Detection. In CAIP 2017.

Yihao Zhang, Wenmin Wang, **Jinzhao Wang**. Aligned Local Descriptors and Hierarchical Global Features for Person Re-Identification. In PCM 2017.

**Jinzhao Wang**, Wenmin Wang, Xiongtao Chen, Ronggang Wang, Wen Gao. Deep Alternative Neural Network: Exploring Contexts as Early as Possible for Action Recognition. In NIPS 2016

Zhihao Li, Wenmin Wang, Nannan Li, **Jinzhao Wang**. Tube ConvNets: Better Exploiting Motion for Better Action Recognition. In ICIP 2016

**Jinzhao Wang**, Wenmin Wang, Ronggang Wang, Wen Gao. Learning Class-Specific Pooling Shapes for Image Classification. In ICME 2015

**Jinzhao Wang**, Wenmin Wang, Ronggang Wang, Wen Gao. Image Classification Using RBM to Encode Local Descriptors with Group Sparse Learning. In ICIP 2015

**Jinzhao Wang**, Wenmin Wang, Ronggang Wang, Wen Gao. A Compact Shot Representation for Video Semantic Indexing. In ICIP 2015

## Participated Grants

China 863 Project of 2015AA015905

National Natural Science Foundation of China 6167206

National Natural Science Foundation of China 1611461

Shenzhen Peacock Plan

## Awards

National Scholarship of China 2015-2016

School Scholarship of Peking University 2013-2017

Silver Medal of National Graduate Smartcity Competition on Video analysis. 2015

Champion of PKU-THU Go Competition 2009-2013

## Special Skill

6 *dan* level of Go (also known as the game of Go), with more than 10 years of professional training experience from the age of 5, winning several Chinese Go champions

## References

Wen Gao	Peking University	wgao@pku.edu.cn
Wenmin Wang	Peking University	wangwm@ece.edu.cn
Huifang Sun	Mitsubishi Electric Research Laboratories	hsun@merl.com