

Jinzhao Wang

Peking University
EECS Department
www.wangjinzhao.com

Birthday: 1991.01
Place of Birth: Shenyang, Liaoning, China
Phone: (86) 185-8904-8347
Email: cr7or9@163.com

Research Interests

Computer vision, deep learning, artificial intelligence, machine learning with applications to image/video recognition, understanding and prediction.

Education

Peking University, China. 2009 - present

Ph.D Candidate in Computer Science, 2013 - present

Advisor: Prof. Wen Gao and Prof. Wenmin Wang

B.S. in Electronics Engineering and Computer Science, 2009.9 - 2013.6

Academic Experience

National Natural Science Foundation of China 61672063, China. 2017.3 - 2017.9

Research Scientist, Advisor: Prof. Ronggang Wang

Currently focus on the tasks of video prediction and imagination with collaborative deep learning

China Project 863 Project of 2015AA015905, China. 2015.3 - 2016.3

Software Engineer, Advisor: Prof. Wen Gao

Developed algorithms for joint action recognition and detection in videos

National Natural Science Foundation of China of 61370115, China. 2014.6 - 2014.9

Software Engineer, Advisor: Prof. Ronggang Wang

Exploited combination of traditional local spatiotemporal features such as dense trajectory and deep neural networks for action recognition

Shenzhen Peacock Project, China. 2013.9 - 2014.3

Software Engineer, Advisor: Prof. Wenmin Wang, Prof. Ge Li, Prof. Ronggang Wang

Proposed and implemented efficient image classification algorithms with adaptive pyramid pooling strategies

Publications

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

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

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

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

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

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

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

Yihao Zhang, Wenmin Wang, **Jinzhao Wang**. Deep Discriminative Network with Inception Module for Person Re-Identification. In **VCIP** 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

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

Computer Skills

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

Deep learning frameworks: Tensorflow, Torch7, Caffe

Languages

English: Fluent, Chinese: Native

Awards and Honors

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

Specialities

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.pku.edu.cn
Huifang Sun	Mitsubishi Electric Research Laboratories	hsun@merl.com