WENBIN DU

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BACKGROUND

Shenzhen Institutes of Advanced Technology(SIAT) , Chinese Academy of Sciences
<div align="right">2014 .9-2018.7</div>

Ph.D. in Pattern Recognition and Intelligent System , Supervisor: Prof. Yu Qiao
Thesis title: Studies on Video Modeling and Action Recognition Based on Recurrent Neural Networks.

Donghua University, Shanghai   2012 .9-2014.7
M.S. in Software Engineering, Supervisor: Prof. Yan Wan

China University of Mining and Technology(CUMT)   2007 .9-2011.7
B.S. in Environmental Engineering

RESEARCH INTERESTS

Computer Vision: Action Recognition, Recurrent Neural Networks, Deep Learning

HONORS AND AWARDS

President Special Award of SIAT	2017
President Excellence Award of SIAT	2016
National Scholarship	2008

CONTESTS

- ChaLearn Looking at People Challenge: 1st place in action spotting, event recognition. (member of SIAT team)   2015

PUBLICATIONS

Google Scholar：https://scholar.google.com/citations?user=Cv7sPAYAAAAJ&hl=zh-CN

Submitted Paper

[1] Du W, Wang Y, Qiao Y, *Video Action Recognition with Recurrent Pose-Attention Network*, submitted to International Journal of Computer Vision (**IJCV**)

Conference Papers

[1] **Du W,** Wang Y, Qiao Y. *Rpan: An end-to-end recurrent pose-attention network for action recognition in videos*[C]//IEEE International Conference on Computer Vision (Oral). 2017, 2(4).

[2] Wang Z, Wang L, **Du W**, et al. *Exploring fisher vector and deep networks for action spotting*[C]//Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition Workshops. 2015: 10-14.

[3] Wang L, Wang Z, **Du W**, et al. *Object-scene convolutional neural networks for event*

recognition in images[C]//Proceedings of the IEEE conference on computer vision and pattern recognition workshops. 2015.

[4] Liu D X, **Du W**, Wu X, et al. *Deep rehabilitation gait learning for modeling knee joints of lower-limb exoskeleton*[C]//Robotics and Biomimetics (ROBIO), 2016 IEEE International Conference on. IEEE, 2016.

Journal Papers

[1] **Du W**, Wang Y, Qiao Y. *Recurrent spatial-temporal attention network for action recognition in videos*[J]. IEEE Transactions on Image Processing, 2018, 27(3): 1347-1360.

[2] Liu D X, Wu X, **Du W**, et al. *Gait phase recognition for lower-limb exoskeleton with only joint angular sensors*[J]. Sensors, 2016.