Dongze Lian

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+ RESEARCH INTEREST

I'm a second year PhD student in computer science at ShanghaiTech University advised by Professor Shenghua Gao. I am interested in computer vision (e.g. gaze estimation, action recognition, video understanding, crowd counting) and deep learning (e.g. explanation of deep neural network).

+ EDUCATION

- Sep. 2016 – Now   PhD student in Computer Science   ShanghaiTech University
  GPA: 3.3 / 4.0
- Sep. 2012 – June 2016   Bachelor in Electronic and Information Engineering (Graduate with Honor)
  GPA: 3.7 / 4.0   Dalian University of Technology

+ SELECTED PUBLICATIONS

- Wen Liu, Weixin Luo, **Dongze Lian**, Shenghua Gao. Future Frame Prediction for Anomaly Detection – A New Baseline (CVPR 2018).
- **Dongze Lian**, Shenghua Gao, Lina Hu, Weixin Luo, Yanyu Xu , Lixin Duan, Jingyi Yu. Multi-view Multi-task Gaze Prediction with Deep Convolutional Neural Networks (TNNLS 2018).
- Hao Cheng, **Dongze Lian**, Shenghua Gao, Yanlin Geng. Evaluating Capability of Deep Neural Networks for Image Classification via Mutual Information (ECCV 2018).
- **Dongze Lian**, Ziheng Zhang, Weixin Luo, Lina Hu, Minye Wu, Jingyi Yu, Shenghua Gao. RGBD Based Gaze Estimation via Multi-task CNNs (submitted to NIPS 2018).
- Hao Cheng, **Dongze Lian**, Shenghua Gao, Yanlin Geng. Local to Global Learning for Deep Neural Networks (submitted to NIPS 2018).
- **Dongze Lian**, Zehao Yu, Shenghua Gao. Believe It or Not, We Know What You Are Looking at! (submitted to ACCV 2018).

+ PROJECTS

Sep. 2014   iCAN International Contest of innovation 2014 (First prize).

Dec. 2017   Functional Map of the World (fMoW) Challenge (Our team won the 7th place in fMoW classification).

+ PROFESSIONAL SERVICE

Autumn 2017/ Spring 2018   Reviewer, IEEE Transactions on Neural Networks and Learning Systems (TNNLS).

Autumn 2017   Teaching Assistant: Computer Vision I – Image Processing.

Autumn 2017   PyTorch-0.3.0 official document translation (English -> Chinese).

Spring 2018   Teaching Assistant: Computer Vision II – Image Understanding.

+ COMPUTER SKILLS

Language & Software & Framework: C/C++, MATLAB, Python, LATEX, OpenCV, Caffe, Tensorflow, PyTorch.

Operating Systems: Linux, Windows.