

Yinpeng Dong

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Experience	Department of Computer Science and Technology Tsinghua University, Beijing, China Ph.D. Student , advised by Prof. Jun Zhu	2017.9 -
	Department of Computer Science and Technology Tsinghua University, Beijing, China Bachelor of Engineering GPA: 94.4/100; Rank: 2/107	2013.8 - 2017.6
	Robotic Institute Carnegie Mellon University, Pittsburgh, US Visiting Student	2016.6 - 2016.9
	Department of Electrical Engineering and Computer Science National Tsing Hua University, Hsinchu, Taiwan Exchange Student	2015.6 - 2015.7
Computer Skills	Languages: C, C++, Python, Cuda. Mathematical Computation: Matlab Deep Learning Tools: Theano, Tensorflow, Caffe, Pytorch. Operating Systems: Linux, Mac OSX, Windows.	
Awards	The 1st place in GeekPwn CAAD CTF competition	2018.8
	The 1st places in NIPS 2017 Adversarial Attacks and Defenses	2017.10
	Future Researcher Scholarship	2017.9
	Tsinghua Outstanding Graduates	2017.6
	Beijing Outstanding Graduates	2017.6
	Outstanding Thesis	2017.6
	Zhong Shimo Scholarship	2016.12
	The 2nd place in KDDCUP 2016	2016.7
	Zhong Shimo Scholarship	2015.12
	The CCF Outstanding Undergraduate Award	2015.6
	ST Engineering Overseas Scholarship	2015.5
	China National Scholarship	2014.10

Publications

Towards Robust Detection of Adversarial Examples

Tianyu Pang, Chao Du, **Yinpeng Dong** and Jun Zhu

Advances in Neural Information Processing Systems (NIPS), Montreal, Canada, 2018

Boosting Adversarial Attacks with Momentum

Yinpeng Dong, Fangzhou Liao, Tianyu Pang, Hang Su, Jun Zhu, Xiaolin Hu and Jianguo Li

IEEE Conference on Computer Vision and Pattern Recognition (CVPR), Salt Lake City, USA, 2018

Defense against Adversarial Attacks Using High-Level Representation Guided Denoiser

Fangzhou Liao, Ming Liang, **Yinpeng Dong**, Tianyu Pang, Jun Zhu and Xiaolin Hu

IEEE Conference on Computer Vision and Pattern Recognition (CVPR), Salt Lake City, USA, 2018

Learning Visual Knowledge Memory Networks for Visual Question Answering

Zhou Su, Chen Zhu, **Yinpeng Dong**, Dongqi Cai, Yurong Chen and Jianguo Li

IEEE Conference on Computer Vision and Pattern Recognition (CVPR), Salt Lake City, USA, 2018

Learning Accurate Low-Bit Deep Neural Networks with Stochastic Quantization

Yinpeng Dong, Renkun Ni, Jianguo Li, Yurong Chen, Jun Zhu and Hang Su

British Machine Vision Conference (BMVC), London, UK, 2017

Forecast Plausible Paths in Crowd Scenes

Hang Su, Jun Zhu, **Yinpeng Dong** and Bo Zhang

International Joint Conference on Artificial Intelligence (IJCAI), Melbourne, Australia, 2017

Improving Interpretability of Deep Neural Networks with Semantic Information

Yinpeng Dong, Hang Su, Jun Zhu, and Bo Zhang

IEEE Conference on Computer Vision and Pattern Recognition (CVPR), Honolulu, Hawaii, 2017

Efficient and Robust Semi-supervised Learning over a Sparse-Regularized Graph

Hang Su, Jun Zhu, Zhaozheng Yin, **Yinpeng Dong** and Bo Zhang

European Conference on Computer Vision (ECCV), Amsterdam, The Netherlands, 2016

Feature Engineering and Ensemble Modeling for Paper Acceptance Rank Prediction

Yujie Qian*, **Yinpeng Dong***, Ye Ma*, Hailong Jin and Juanzi Li (* indicates equal contribution)

SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD) Workshop KDDCUP, San Francisco, USA, 2016

Crowd Scene Understanding with Coherent Recurrent Neural Networks

Hang Su, **Yinpeng Dong**, Jun Zhu, Haibin Ling and Bo Zhang

International Joint Conference on Artificial Intelligence (IJCAI), New York, USA, 2016