

## Yinpeng Dong

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

## Publications

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*