

Mo Zhou

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STATUS	Chinese citizen	
CURRENT	<ul style="list-style-type: none">Electrical and Computer Engineering, Whiting School of Engineering 08/2021 - CurrentJohns Hopkins University, Baltimore, MD 21218<i>Ph.D.</i> Electrical and Electronics Engineering	
INTERESTS	<ul style="list-style-type: none">Machine Learning, Deep Learning and Computer VisionDeep Metric Learning and Cross-modal RetrievalAdversarial Attack and Defense in Deep LearningLinux Operating System Development and Administration	
EXPERIENCE	<ul style="list-style-type: none">Institute of Artificial Intelligence and Robotics (IAIR) 07/2020 - 06/2021Xi'an Jiaotong University, Xi'an, Shaanxi, P.R. China. 710049Research Assistant	
EDUCATION	<ul style="list-style-type: none">Xidian University, Xi'an, Shaanxi, China. 710071 09/2017 - 06/2020<i>M.S.</i> Pattern Recognition and Intelligent Systems. July, 2020<i>Thesis:</i> Coherent Visual-Semantic Embedding for Cross-Modal RetrievalXidian University, Xi'an, Shaanxi, China. 710126 09/2013 - 07/2017<i>B.S.</i> Electromagnetic Field and Wireless Technology. July, 2017	
PUBLICATIONS	Google Scholar Profile: scholar.google.com/citations?user=BVIO95UAAAAJ H-Index: 4 Citations: 570 Jan. 1 2022 ORCID: https://orcid.org/0000-0003-3813-4875 Semantic Scholar: www.semanticscholar.org/author/Mo-Zhou/2109097390	
JOURNAL ARTICLES:	(0 TPAMI, ...)	
	[J01] Mo Zhou , Le Wang, Zhenxing Niu, Qilin Zhang, Nanning Zheng, Gang Hua, “ <i>Adversarial Attack and Defense in Deep Ranking</i> ,” 2021, Under Review. [arXiv] [Github]	
CONFERENCE PAPERS:	(2 CVPR, 2 ICCV, 1 ECCV, 1 AAAI)	
	[C01] Mo Zhou , Le Wang, Zhenxing Niu, Qilin Zhang, Yinghui Xu, Nanning Zheng, Gang Hua, “ <i>Practical Order Attack in Deep Ranking</i> ,” in Proc. IEEE International Conf. on Computer Vision (ICCV), 2021. [PDF] [arXiv] [Github]	
	[C02] Liushuai Shi, Le Wang, Chengjiang Long, Sanping Zhou, Mo Zhou , Zhenxing Niu, Gang Hua, “ <i>SGCN: Sparse Graph Convolution for Pedestrian Trajectory Prediction</i> ”, In Proc. IEEE Conf. on Computer Vision and Pattern Recognition (CVPR), 2021. [PDF]	
	[C03] Mo Zhou , Zhenxing Niu, Le Wang, Qilin Zhang, Gang Hua, “ <i>Adversarial Ranking Attack and Defense</i> ,” in Proc. European Conf. on Computer Vision (ECCV), 2020. [PDF] [arXiv] [Github]	

	<p>[C04] <u>Mo Zhou</u>, Zhenxing Niu, Le Wang, Zhanning Gao, Qilin Zhang, Gang Hua, “<i>Ladder Loss for Coherent Visual-Semantic Embedding</i>,” in Proc. AAAI Conf. on Artificial Intelligence (AAAI), 2020. [PDF] [arXiv] [Github]</p> <p>[C05] Zhenxing Niu, <u>Mo Zhou</u>, Le Wang, Xinbo Gao, Gang Hua, “<i>Hierarchical Multimodal LSTM for Dense Visual-Semantic Embedding</i>,” in Proc. IEEE International Conf. on Computer Vision (ICCV), 2017. [PDF]</p> <p>[C06] Zhenxing Niu, <u>Mo Zhou</u>, Le Wang, Xinbo Gao, Gang Hua. “<i>Ordinal Regression with Multiple Output CNN for Age Estimation</i>,” in Proc. IEEE Conf. on Computer Vision and Pattern Recognition (CVPR), 2016. [PDF]</p>
PATENTS	<p>[P01] Le Wang, <u>Mo Zhou</u>, Sanping Zhou, Shitao Chen, Jingmin Xin, Nanning Zheng, “A Practical Relative Order Adversarial Attack Method”. Chinese Patent Application No. 202110998691.9. (Under Application)</p> <p>[P02] Zhenxing Niu, Wei Xue, <u>Mo Zhou</u>, Bo Yuan, Xinbo Gao, Gang Hua, “Age estimation method based on multi-output convolution neural network and ordered regression”. Chinese Patent No. 201610273524.7.</p>
ACTIVITIES	<ul style="list-style-type: none"> Reviewer for International Conferences <ul style="list-style-type: none"> IEEE Conf. on Computer Vision and Pattern Recognition (CVPR) 2020, 2021, 2022 International Conf. on Computer Vision (ICCV) 2021 European Conf. on Computer Vision (ECCV) 2020 Int. Conf. Learning Representations (ICLR) 2022 AAAI Conf. on Artificial Intelligence (AAAI) 2021, 2022 Winter Conf. on Applications of Computer Vision (WACV) 2021, 2022 Asian Conf. on Computer vision (ACCV) 2018, 2020 Reviewer for International Journals <ul style="list-style-type: none"> IEEE, Trans. on Pattern Analysis and Machine Intelligence (TPAMI) 2021 Elsevier, Neurocomputing 2021 Springer, Journal of Machine Vision and Application (MVA) 2020, 2021 Springer, Complex & Intelligent Systems (CAIS) 2021 Volunteer as official Debian GNU/Linux Developer 08/2018 - Current
HONORS	<ul style="list-style-type: none"> Selected as one of the Outstanding Reviewers of ICCV 2021 2021 Open Source Promotion Plan (OSPP) with Tsinghua University TUNA Association 2020 Project: <i>Integrating Data Science Software (incl. Xgboost, etc.) into Debian (Best Quality Award)</i> Google Summer of Code (GSoC) with Debian Project 2020 Project: <i>BLAS/LAPACK Ecosystem Enhancement for Debian</i> Google Summer of Code (GSoC) with Gentoo Foundation 2019 Project: <i>BLAS and LAPACK Runtime Switching</i> Xidian University Secondary School Scholarship.⁺ 2017-2018 Interdisciplinary Contest in Modeling (ICM) 2016 Meritorious Winner. Advisor: Youlong Yang (Xidian University)
REFERENCES	AVAILABLE UPON REQUEST.