

Mo Zhou

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STATUS	Chinese citizen	
CURRENT	<ul style="list-style-type: none">Johns Hopkins University, Baltimore, MD 21218 <i>Ph.D.</i> Electrical and Electronics Engineering 14.1001	08/2021 - Current
INTERESTS	<ul style="list-style-type: none">Deep Learning and Machine LearningComputer Vision and Pattern RecognitionCross-modal Retrieval and Deep Metric LearningAdversarial Attack and Defense in Deep LearningLinux Operating System	
EXPERIENCE	<ul style="list-style-type: none">Institute of Artificial Intelligence and Robotics (IAIR) Xi'an Jiaotong University, Xi'an, Shaanxi, P.R. China. 710049 Research Assistant	07/2020 - 06/2021
EDUCATION	<ul style="list-style-type: none">Xidian University, Xi'an, Shaanxi, China. 710071 <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 <i>B.S.</i> Electromagnetic Field and Wireless Technology. July, 2017	09/2017 - 06/2020 09/2013 - 07/2017
PUBLICATIONS	Google Scholar Profile: https://scholar.google.com/citations?user=BVIO95UAAAAJ H-Index: 4 Citations: 496 (Aug. 8 2021) ORCID: https://orcid.org/0000-0003-3813-4875 PAPERS UNDER REVIEW: [J01] <u>Mo Zhou</u> , Le Wang, Zhenxing Niu, Qilin Zhang, Nanning Zheng, Gang Hua, “ <i>Adversarial Attack and Defense in Deep Ranking</i> ,” 2021, Under Review. [J02] Le Wang, <u>Mo Zhou</u> , Zhenxing Niu, Qilin Zhang, Nanning Zheng, “ <i>Adaptive Ladder Loss for Learning Coherent Visual-Semantic Embedding</i> ,” 2021, Under Review. JOURNAL ARTICLES: CONFERENCE PAPERS: (2 CVPR, 2 ICCV, 1 ECCV, 1 AAI) [C01] <u>Mo Zhou</u> , 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), Virtual, 11-17 October, 2021. [C02] Liushuai Shi, Le Wang, Chengjiang Long, Sanping Zhou, <u>Mo Zhou</u> , 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), Long Nashville, TN, June 2021.	
	[C03] <u>Mo Zhou</u> , Zhenxing Niu, Le Wang, Qilin Zhang, Gang Hua, “ <i>Adversarial Ranking Attack and Defense</i> ,” in Proc. European Conf. on Computer Vision (ECCV'2020), Glasgo, Scotland, UK, August 2020.	
	[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. The Thirty-Fourth AAAI Conf. on Artificial Intelligence (AAAI'2020), New York City, NY, February 2020.	
	[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), Venice, Italy, October 2017.	
	[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), Las Vegas, NV, June, 2016.	
PATENTS	[P01] Zhenxing Niu, Wei Xue, Mo Zhou, Bo Yuan, Xinbo Gao, Gang Hua, “Age estimation method based on multi-output convolution neural network and ordered regression”. Chinese Patent No. 201610273524.7.	
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), 2019, 2020, 2021, 2022 ◦ International Conf. on Computer Vision (ICCV), 2019, 2021 ◦ European Conf. on Computer Vision (ECCV), 2020 ◦ Int. Conf. Learning Representations (ICLR), 2022 ◦ AAAI Conf. on Artificial Intelligence (AAAI), 2021 ◦ 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"> ◦ Journal of Machine Vision and Application (MVA), 2020, 2021 ◦ Complex & Intelligent Systems (CAIS), 2021 • Volunteer as Debian GNU/Linux Developer 08/2018 - Current 	
AWARDS	<ul style="list-style-type: none"> • Meritorious Winner (Advisor: Youlong Yang). ICM 2016 • Secondary School Scholarship. + 2017-2018 • Completed “BLAS and LAPACK Runtime Switching” with Gentoo Foundation. GSoC 2019 • Completed “BLAS/LAPACK Ecosystem Enhancement for Debian” with Debian Project. GSoC 2020 • Best Quality Award with project “Integrating Data Science Software (incl. Xgboost, etc.) into Debian”. OSPP 2020 	
REFERENCES	AVAILABLE UPON REQUEST.	