

## Mo Zhou

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CONTACT	3400 North Charles Street Baltimore, MD 21218	Tel: (+1) ***** Email: cdluminate@gmail.com Github: cdluminate
STATUS	Chinese citizen	
CURRENT	<ul style="list-style-type: none"><li>Johns Hopkins University, Baltimore, MD 21218 <i>Ph.D.</i> Electrical and Electronics Engineering</li></ul>	08/2021 - Current
INTERESTS	<ul style="list-style-type: none"><li>Deep Learning and Machine Learning</li><li>Computer Vision and Pattern Recognition</li><li>Cross-modal Retrieval and Deep Metric Learning</li><li>Adversarial Attack and Defense in Deep Learning</li><li>Linux Operating System</li></ul>	
EXPERIENCE	<ul style="list-style-type: none"><li>Institute of Artificial Intelligence and Robotics (IAIR) Xi'an Jiaotong University, Xi'an, Shaanxi, P.R. China. 710049 Research Assistant</li></ul>	07/2020 - 06/2021
EDUCATION	<ul style="list-style-type: none"><li>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 Retrieval</li><li>Xidian University, Xi'an, Shaanxi, China. 710126 <i>B.S.</i> Electromagnetic Field and Wireless Technology. July, 2017</li></ul>	09/2017 - 06/2020 09/2013 - 07/2017
PUBLICATIONS	Google Scholar Profile: <a href="https://scholar.google.com/citations?user=BVIO95UAAAAJ">https://scholar.google.com/citations?user=BVIO95UAAAAJ</a> H-Index: 4      Citations: 496 (Aug. 8 2021) ORCID: <a href="https://orcid.org/0000-0003-3813-4875">https://orcid.org/0000-0003-3813-4875</a> Semantic Scholar: <a href="https://www.semanticscholar.org/author/Mo-Zhou/2109097390">https://www.semanticscholar.org/author/Mo-Zhou/2109097390</a>	
	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), Montreal, Canada, 11-17 October, 2021.	

- [C02] Liushuai Shi, Le Wang, Chengjiang Long, Sanping Zhou, Mo Zhou, Zhenxing Niu, Gang Hua, “*SGCN: Sparse Graph Convolution for Pedestrian Trajectory Prediction*”, In Proc. IEEE Conf. on Computer Vision and Pattern Recognition (CVPR’2021), Long Nashville, TN, June 2021.
- [C03] Mo Zhou, Zhenxing Niu, Le Wang, Qilin Zhang, Gang Hua, “*Adversarial Ranking Attack and Defense*,” in Proc. European Conf. on Computer Vision (ECCV’2020), Glasgo, Scotland, UK, August 2020.
- [C04] Mo Zhou, Zhenxing Niu, Le Wang, Zhanning Gao, Qilin Zhang, Gang Hua, “*Ladder Loss for Coherent Visual-Semantic Embedding*,” in Proc. The Thirty-Fourth AAAI Conf. on Artificial Intelligence (AAAI’2020), New York City, NY, February 2020.
- [C05] Zhenxing Niu, Mo Zhou, Le Wang, Xinbo Gao, Gang Hua, “*Hierarchical Multimodal LSTM for Dense Visual-Semantic Embedding*,” in Proc. IEEE International Conf. on Computer Vision (ICCV’2017), Venice, Italy, October 2017.
- [C06] Zhenxing Niu, Mo Zhou, Le Wang, Xinbo Gao, Gang Hua. “*Ordinal Regression with Multiple Output CNN for Age Estimation*,” 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

- Reviewer for International Conferences
  - IEEE Conf. on Computer Vision and Pattern Recognition (CVPR), 2020, 2021, 2022
  - International Conf. on Computer Vision (ICCV), 2021
  - \* Selected as one of the 210 Outstanding Reviewers of 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
  - Neurocomputing, 2021
  - Journal of Machine Vision and Application (MVA), 2020, 2021
  - Complex & Intelligent Systems (CAIS), 2021
- Volunteer as Debian GNU/Linux Developer 08/2018 - Current

#### AWARDS

- Interdisciplinary Contest in Modeling (ICM) 2016  
Meritorious Winner (Advisor: Youlong Yang)
- Xidian University Secondary School Scholarship. <sup>+</sup> 2017-2018
- Google Summer of Code (GSoC) with Gentoo Foundation 2019  
Project: *BLAS and LAPACK Runtime Switching*
- Google Summer of Code (GSoC) with Debian Project 2020  
Project: *BLAS/LAPACK Ecosystem Enhancement for Debian*
- Open Source Promotion Plan (OSPP) with Tsinghua University TUNA Association 2020  
Project: *Integrating Data Science Software (incl. Xgboost, etc.) into Debian*  
(Best Quality Award)

#### REFERENCES

AVAILABLE UPON REQUEST.