

Mo Zhou

CONTACT	3400 North Charles Street Baltimore, MD 21218	Tel: (+1) ***** Email: cdluminate@gmail.com Github: cdluminate Linkedin: mo-zhou-9bb99021b
STATUS	Chinese citizen	
CURRENT	<ul style="list-style-type: none">Johns Hopkins University, Baltimore, MD 21218 <i>Ph.D.</i> Electrical and Electronics Engineering	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 Semantic Scholar: https://www.semanticscholar.org/author/Mo-Zhou/2109097390 PAPERS UNDER REVIEW: [J01] <u>Mo Zhou</u> , Le Wang, Zhenxing Niu, Qilin Zhang, Nanning Zheng, Gang Hua, "Adversarial Attack and Defense in Deep Ranking," 2021, Under Review. [J02] Le Wang, <u>Mo Zhou</u> , Zhenxing Niu, Qilin Zhang, Nanning Zheng, "Adaptive Ladder Loss for Learning Coherent Visual-Semantic Embedding," 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, "Practical Order Attack in Deep Ranking," 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 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
 - Elsevier, Neurocomputing 2021
 - Springer, Journal of Machine Vision and Application (MVA) 2020, 2021
 - Springer, 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)
- Xidian University Secondary School Scholarship. ⁺ 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.