

Luyu Yang

RESEARCH INTEREST	My research currently lies at the intersection of computer vision and machine learning. I develop learning algorithms which facilitate the transfer of information through unsupervised and semi-supervised model adaptation, through which my work enables systems to tackle real-world variations and minimizes human supervision. Before this, I have also worked on activity recognition in videos.	
EDUCATION	University of Maryland, PhD, Computer Science <i>Advised by Abhinav Shrivastava and Larry Davis</i>	Aug 2018 – Present
	Chongqing University of Posts and Telecommunications, B.S. and M.S., Electrical and Telecommunication Engineering <i>Graduated with Honors</i>	Sep 2008 – Jul 2015
APPOINTMENTS	Salesforce Research <i>Research Intern</i>	Jun 2021 – Aug 2021
	Facebook AI <i>Research Intern</i>	Oct 2019 – May 2020
	Cornell University <i>Research Assistant of Kilian Q. Weinberger</i>	Feb 2018 – Jun 2018
PUBLICATIONS AND PRE-PRINTS	[1] Luyu Yang , Mingfei Gao, Zeyuan Chen, Ran Xu, Abhinav Shrivastava, Chetan Ramaiah, “Burn After Reading: Online Adaptation for Cross-domain Streaming Data,” <i>Under review</i> , March 2022 [2] Shuaiyi Huang, Luyu Yang , Bo He, Songyang Zhang, Xuming He, Abhinav Shrivastava, “Learning Semantic Correspondence with Sparse Annotations,” <i>Under review</i> , March 2022 [3] Yu Shen, Luyu Yang , Xijun Wang, Abhinav Shrivastava, Ming Lin, “Lessons from Multi-modality Teachers for Autonomous Driving,” <i>Under review</i> , March 2022 [4] Luyu Yang , Yan Wang, Mingfei Gao, Abhinav Shrivastava, Kilian Q. Weinberger, Wei-lun Chao, Ser-Nam Lim, “Deep Co-training with Task Decomposition for Semi-supervised Domain Adaptation,” ICCV , 2021 [5] Luyu Yang , Yogesh Balaji, Ser-Nam Lim, Abhinav Shrivastava, “Curriculum Manager for Source Selection in Multi-source Domain Adaptation,” ECCV , 2020 [6] Lan Wang, Chenqiang Gao, Luyu Yang , Yue Zhao, Wangmeng Zuo, Deyu Meng, “PM-GANs: Discriminative Representation Learning for Action Recognition Using Partial-modalities,” ECCV , 2018 [7] Luyu Yang , Jack Z.G. Tan, Zhe Huang, Gene Cheung, “A Content-aware Metric for Stitched Panoramic Image Quality Assessment,” ICCV workshop on MVR3D , 2017 [8] Luyu Yang , Jiang Liu, Chenqiang Gao, “An Error-activation-guided Blind Metric for Stitched Panoramic Image Quality Assessment,” CCF Chinese Conference on Computer Vision , 2017 [9] Chenqiang Gao, Luyu Yang , Yinhe Du, Zeming Feng, Jiang Liu, “From constrained to unconstrained datasets: an evaluation of local action descriptors and fusion strategies for interaction recognition,” World Wide Web , 2016 [10] Luyu Yang , Chenqiang Gao, Deyu Meng, Lu Jiang, “A Novel Group-Sparsity-Optimization-Based Feature Selection Model for Complex Interaction Recognition,” ACCV , 2014 [11] Chenqiang Gao, Yinhe Du, Jiang Liu, Luyu Yang , Deyu Meng, “A New Dataset and Evaluation for Infrared Action Recognition,” CCF Chinese Conference on Computer Vision, 2015 (Best paper nominee)	
AWARDS AND HONORS	Nominee of Google PhD Fellowship , only 1 in the department Dean’s Fellowship , University of Maryland, Computer Science All-star Employee Award , Tencent Technology, 5% employee The Principal’s Honor Award , CQUPT	2021 2018 – 2019 2016 – 2017 2012
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