

WEIJIAN DENG

INFORMATION

- Phone: + 61-(0)452630667
- E-mail: weijian.deng@anu.edu.au
- Homepage: <http://weijiandeng.xyz/> and [Google Scholar](#)
- Research Interests: Domain Adaptation, Model Generalization, Self-Supervised Learning
- Recent Focus: Understanding Model Decisions under Dynamic Testing Environments

EDUCATION

- **Australian National University** 07/2019 – 05/2023 (expected)
 - Third-year PhD student in the College of Engineering and Computer Science
- **University of Chinese Academy of Sciences** 09/2016 – 06/2019
 - Master of Science in Computer Science
 - Overall GPA: 85.6/100
- **Beijing Jiaotong University** 09/2012 – 06/2016
 - Bachelor of Engineering
 - Overall GPA: 92.3/100 (Ranking: 1/65)

PUBLICATIONS

- AutoEval: Are Labels Always Necessary for Classifier Accuracy Evaluation?
Weijian Deng and Liang Zheng
IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021 (To appear)
- What Does Rotation Prediction Tell Us about Classifier Accuracy under Varying Testing Environments?
Weijian Deng, Stephen Gould, and Liang Zheng
International Conference on Machine Learning (ICML), 2021
- Are Labels Always Necessary for Classifier Accuracy Evaluation?
Weijian Deng and Liang Zheng
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2021
- Rethinking Triplet Loss for Domain Adaptation
Weijian Deng, Liang Zheng, Yifan Sun, and Jianbin Jiao
IEEE Transactions on Circuits and Systems for Video Technology, 2020
- Image-Image Domain Adaptation with Preserved Self-Similarity and Domain-Dissimilarity for Person Re-identification
Weijian Deng, Liang Zheng, Qixiang Ye, Guoliang Kang, Yi Yang, and Jianbin Jiao
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2018

PRE-PRINTS

- Fine-grained Classification via Categorical Memory Networks
Weijian Deng, Joshua Marsh, Stephen Gould, and Liang Zheng
arXiv preprint arXiv:2012.06793 (Under review)
- Similarity-preserving image-image domain adaptation for person re-identification
Weijian Deng, Liang Zheng, Qixiang Ye, Yi Yang, and Jianbin Jiao
arXiv preprint arXiv:1811.10551

EXPERIENCE

- **NEC Laboratories America, INC.** 06/2020 – 10/2020
 - Research Intern (Remote) on Multi-task Learning, Hosted by Dr. Yu Xiang and Dr. Yumin Suh
- **Singapore University of Technology and Design** 09/2012 – 06/2016
 - Research Assistant on Domain Adaptation, Hosted by Dr. Liang Zheng

HONORS AND REWARDS

- ECCV 2020 Outstanding Reviewer, 2020
- China National Scholarship, 2014, 2015 and 2018
- Australian Government Research Training Program (AGRTP) Scholarship, 2019-2023
- The Third Place in Vehicle Re-identification track of CVPR 2019 AI-City Challenge, 2019

PROFESSIONAL SERVICE

- Reviewer: ICLR2022; ICCV2021; CVPR2021-2022; ECCV 2020; IJCAI 2020; TPAMI; TIP; PR
- Co-organizer: ECCV 2020 workshop on Visual Domain Adaptation Challenge