**WEIJIAN DENG**

**INFORMATION**

· Phone: + 61-(0)452630667

· E-mail: weijian.deng@anu.edu.au

· Homepage: <http://weijiandeng.xyz/> and [Google Scholar](https://scholar.google.com/citations?user=lReHnAEAAAAJ&hl=en&oi=ao)

· Research Interests: Object Recognition, Domain Adaptation, and Model Generalization

**EDUCATION**

* **Australian National University** 07/2019 – Now

**·** Second-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**

* 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, 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*

* SVDNet for Pedestrian Retrieval

Yifan Sun, Liang Zheng, **Weijian Deng**, and Shengjin Wang

*IEEE International Conference on Computer Vision (ICCV), 2017*

* A Light and Faster Regional Convolutional Neural Network for Object Detection in Optical Remote Sensing Images

Peng Ding, Ye Zhang, **Weijian Deng**, Ping Jia, Arjan Kuijper

*ISPRS Journal of Photogrammetry and Remote Sensing, 2018*

* Are Labels Always Necessary for Classifier Accuracy Evaluation? (Journal Version)

**Weijian Deng** and Liang Zheng

*Under Review*

* Fine-grained Classification via Categorical Memory Networks

**Weijian Deng**, Joshua Marsh, Stephen Gould, Liang Zheng

*Under Review (arXiv preprint 2020, arXiv:2012.06793)*

* Similarity-preserving Image-image Domain Adaptation for Person Re-identification

**Weijian Deng**, Liang Zheng, Qixiang Ye, Yi Yang, Jianbin Jiao

*(arXiv preprint 2018, arXiv:1811.10551)*

Google Scholar Citations: 1180

**EXPERIENCE**

* **NEC Labs America**  06/2020– 10/2020

**·** Research Intern (Remote) on Multi-task Learning, Hosted by Yu Xiang and Yumin Suh

* **Singapore University of Technology and Design** 07/2018– 11/2018

**·** Research Assistant on Domain Adaptation, Hosted by Liang Zheng

**HONORS AND REWARDS**

**·** ECCV 2020 Outstanding Reviewer, 2020

**·** China National Scholarship (Master), 2018

**·** China National Scholarship (Bachelor), 2014 and 2015

**·** 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: ICLR 2022; ICCV 2021; CVPR 2021; ECCV 2020; IJCAI 2020; ACM MM 2021, 2020;

IEEE-TPAMI; IEEE-TIP; PR

**·** Co-organizer: ECCV 2020 workshop on Visual Domain Adaptation Challenge