

Zhang Pan

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Microsoft Research Asia(MSRA)

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Education

University of Science and Technology of China(USTC) and Microsoft Research Asia(MSRA) 2017.7-2022.6

Joint Ph.D of USTC and MSRA

Visual Computing Group in MSRA

University of Science and Technology of China(USTC) 2013.9-2017.6

Undergraduate, GPA top3

Microsoft Research Asia 2016.7-2017.6

Research intern in Visual Computing Group

Meishan high school 2010.9-2013.6

Scholarship

National Scholarship 2015

The highest scholarship awarded by the Ministry of Education, China

National Scholarship 2014

The highest scholarship awarded by the Ministry of Education, China

Honor Ranking 2016

For top 5% students by USTC

Project

Infrared Face Recognition 2018

Use a small number of infrared face images and use specific algorithms to greatly improve the accuracy of night face recognition and save *millions of dollars* for Microsoft in the cost of collecting more infrared face image data. The technology has been migrated to the *windows surface series* and other *mobile terminals* of Microsoft.

Old Photo Restoration 2020

restore old photos that suffer from severe multiple degradations. Our released github repo for old photo restoration has received *7.7k stars*.

Research Area

Image Synthesis and Image Translation

Domain Adaptation

Research Paper

Prototypical Pseudo Label Denoising and Target Structure Learning for Domain Adaptive Semantic Segmentation 2021

Pan Zhang, Bo Zhang, Ting Zhang, Dong Chen, Yong Wang, Fang Wen

2021 IEEE Conference on Computer Vision and Pattern Recognition, (CVPR2021)

Full-Resolution Correspondence Learning for Image Translation 2021

Xingran Zhou, Bo Zhang, Ting Zhang, Pan Zhang, Jianmin Bao, Dong Chen,

Zhongfei Zhang, Fang Wen

2021 IEEE Conference on Computer Vision and Pattern Recognition, (CVPR2021 *Oral*)

Old Photo Restoration via Deep Latent Space Translation 2020

Ziyu Wan, Bo Zhang, Dongdong Chen, Pan Zhang, Dong Chen, Jing Liao, Fang Wen

arxiv preprint

Cross-domain Correspondence Learning for Exemplar-based Image Translation
2020

Pan Zhang, Bo Zhang, Dong Chen, Lu Yuan, Fang Wen

2020 IEEE Conference on Computer Vision and Pattern Recognition, (CVPR2020 Oral)

Bringing Old Photos Back to Life

2020

Ziyu Wan, Bo Zhang, Dongdong Chen, Pan Zhang, Dong Chen, Jing Liao, Fang Wen

2020 IEEE Conference on Computer Vision and Pattern Recognition, (CVPR2020 Oral)