CHANGJIE LU

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Wenzhou-Kean University, DaXue Road 88, Wenzhou, Zhejiang, China, 325000

EDUCATION

Wenzhou-Kean University   *August 2019 - Present*
Applied Mathematics, Junior Student   Overall GPA: 3.771/4.0
Department of Mathematics Science   Major GPA: 3.873/4.0
Thesis: Domain Robust Medical Image Segmentation(Defended)

SKILLS

Programming skills: Python, JAVA, Matlab, R, Linux, Markdown, LaTex
Language: Chinese, English
Framework: Pytorch, Tensorflow, Keras

PUBLICATION

Unsupervised Domain Adaptation for Cardiac Segmentation: Towards Structure Mutual Information Maximization
Changjie Lu, Shen Zheng, Gaurav Gupta

*IEEE Conference on Computer Vision and Pattern Recognition (**CVPR2022**)*

Segmentation-Aware Progressive Network for Perceptual Contrastive Image Deraining
Shen Zheng, Changjie Lu, Yuxiong Wu, Gaurav Gupta

*IEEE Winter Conference on Applications of Computer Vision (**WACV2022**)*

Deblur-YOLO: Fast Real-Time Object Detectionwith Blind Motion Deblurring
Shen Zheng, Yuxiong Wu, Shiyu Jiang, Changjie Lu, Gaurav Gupta

*IEEE International Joint Conference on Neural Networks (**IJCNN2021 Oral**)*

Functional Optimization Reinforcement Learning for Real-Time Bidding
Changjie Lu*, Yining Lu*, Naina Bandyopadhyay, Manoj Kumar, Gaurav Gupta

*IEEE Transactions on Emerging Topics in Computational Intelligence (**TETCI2022 Underreview**)*

AS-IntroVAE: Adversarial Similarity Distance Makes Robust Intro-VAE
Changjie Lu, Shen Zheng, Gaurav Gupta

*Asian Conference on Machine Learning (**ACML2022 Underreview**)*

WORKING EXPERIENCE

Fudan University   July 2022
Research topic: domain adapation for medical image segmentation   *Incoming RA in summer*

Wenzhou-Kean Univerisity AI-LAB   Feb 2022 -
Research Leader in Computer Vision   *Co-founder*

Findability Science   Sept 2021- Dec 2021
Real Time Optimal Bid Shading for First Price Auction   *Algorithm Consultant*

Newford Research Institute of Advanced Technology   Oct 2020 - Dec 2020

Data analysis of Zhejiang Province Industry   *Data Analyst*

AWARD

2022 Wenzhou-Kean University Student Research Day Best Oral Presentation

2021 3rd Price of National Mathematical Contest in Modeling

2021 Reviewer of 36th AAAI

2020-2021 Dean List Scholarship

2020-2021 Research Scholarship

2021 Invited Speaker in Fudan University

ACADEMIC INTEREST

Medical Image Sementation, Computer Vision, Machine Learning, Reinforcement Learning