

CHANGJIE LU

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



EDUCATION

Wenzhou-Kean University

Applied Mathematics, Junior Student

Department of Mathematics Science

Thesis: Domain Robust Medical Image Segmentation(Defended)

August 2019 - Present

Overall GPA: 3.805/4.000

Major GPA: 3.833/4.000

SKILLS

Programming skills: Python, JAVA, Matlab, R, Linux, Markdown, LaTeX

Language: Chinese, English

Framework: Pytorch(preferred), 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 Detection with 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

Research topic: domain adaptation for medical image segmentation

July 2022

Incoming RA in summer

Wenzhou-Kean University AI-LAB

Research Leader in Computer Vision

Feb 2022 -

Co-founder

Findability Science

Real Time Optimal Bid Shading for First Price Auction

Sept 2021- Dec 2021

Algorithm Consultant

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 Segmentation, Computer Vision, Machine Learning, Reinforcement Learning