Zheng Li 李政

PhD Student

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Education

- Ph.D.   of Computer Science and Technology

  Macau University, Macau   2022.09 – now

- B.S.   of Cyber Security

  Wuhan University, Wuhan   2018.09 – 2022.06

Publications

- TSA-GAN: A Robust Generative Adversarial Networks for Time Series Augmentation First author IJCNN-2021 Doi: 10.1109/IJCNN52387.2021.9534001

Research Interests

- Stable Diffusion

- Model Stealing

Projects

- Time Series Augmentation Build a Generative Adversarial Net model for time series augmentation, which is superior to baseline in terms of speed and augment quality. [ieeexplore.ieee.org/document/9534001] Python, TensorFlow, GAN
- Semantic Segmentation Data Augmentation Build a solution for semantic segmentation data augmentation tasks of ship remote sensing images, by semantic images generation and remote sensing images conversion github.com/whulizheng/Remote-Sensing Segmentation-Augmentation Python, TensorFlow, pix2pix
- Multi-Channel Transformer For Medical Image Segmentation Multi-Channel Transformer layer that could simply and freely combine with the CNN layer is proposed to enhance the capability of the target model https://github.com/whulizheng/medicalimagesegmentation Python, PyTorch, U-net, Transformer