Kaining Ying

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Education

Zhejiang University of Technology (ZJUT), Hangzhou, China   2017 – 2021
Undergraduate in College of Computer Science and Technology

Zhejiang University of Technology (ZJUT), Hangzhou, China   2021 – Present
B.S. in College of Computer Science and Technology, supervised by Zhenhua Wang

Research

I feel interested in computer vision and multimedia processing. Here is the list of publications:

Self-supervised Enhancement for Named Entity Disambiguation via Multimodal Graph Convolution   2021 – 2022
Pengfei Zhou[1], **Kaining Ying**[1] (equal contribution), Zhenhua Wang, Dongyan Guo, Cong Bai
IEEE Transactions on Neural Networks and Learning Systems (TNNLS), 2022
paper, code

ISDA: Position-Aware Instance Segmentation with Deformable Attention (Oral)   2021 – 2022
Kaining Ying, Zhenhua Wang, Cong Bai, Pengfei Zhou
IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP) (CCF-B), 2022
paper, code

RWMF: A Real-World Multimodal Foodlog Database   2020 – 2021
Pengfei Zhou, Cong Bai, **Kaining Ying**, Jie Xia, Lixin Huang
International Conference on Pattern Recognition (ICPR), 2020
paper

Project

Swimming Pool Alert System   2021 – Present
Propose a system which is simultaneous detection, tracking and drowning judgment.

Human Interaction Detection   2021 – Present
Propose a new task named Human Interaction Detection (HID) and a large-scale dataset named AVA-Interaction. In addtiton, we propose an end-to-end framework named HIDNet which achieves satisfactory result.

LANGUAGE SKILLS

- CET 4 and CET 6