

# KAINING YING

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## EDUCATION

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**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

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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<sup>1</sup>, **Kaining Ying**<sup>1</sup> (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

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**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 addition, we propose an end-to-end framework named HIDNet which achieves satisfactory result.

## LANGUAGE SKILLS

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- CET 4 and CET 6