

# Hao Sun

MASTER STUDENT · COMPUTER VISION · MEDICAL IMAGE PROCESSING

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“Aut Caesar, aut nihil.”

## Summary

I am currently a master student at Tokyo Institute of Technology, supervised by Prof. Kenji SUZUKI. I received my B.Eng degree from the School of Computer Science and Technology, Zhejiang University in 2021. At that time, I am also a member of Chu Kochen Honors College. During the university, I also minored in Religious Philosophy, Zhejiang University. Now my main research interest lies in medical image processing, dose reduction for CT.

## Work Experience

### Fenlai Intelligent Co.,Ltd.

ShenZhen, China

COMPUTER VISION ALGORITHM ENGINEER (INTERNSHIP)

Mar.2021 - Jun.2021

- Smart gym based on computer vision technology. I am responsible for the overall architecture design and algorithm implementation of the group exercise project, and realize the multi-person real-time group exercise scoring and action correction system.
- Edge deployment of deep learning models and load balancing system.

### Hikvision Co.,Ltd.

HangZhou, China

COMPUTER VISION ALGORITHM ENGINEER (INTERNSHIP)

Sep.2021 - Oct.2021

- Investigate video-based pedestrian re-identification technology.

## Honors & Awards

### INTERNATIONAL

2022 IIR Research Fellow, Institute of Innovative Research (IIR), Tokyo Institute of Technology

Tokyo, Japan

### DOMESTIC

2018 2nd Scholarship, Zhejiang University

HangZhou, China

## Presentation

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## Publications

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## Education

### ZheJiang University

HangZhou, China

B.ENG IN COMPUTER SCIENCE AND ENGINEERING

Sep. 2017 - Jul.2021

- Selected as a member of Chu Kochen Honors College and won the 2nd scholarship of Zhejiang University.

### Tokyo Institute of Technology

Tokyo, Japan

M.ENG IN INFORMATION AND COMMUNICATION ENGINEERING

Sep. 2021 - Jul.2023

- Research Fellow from Institute of Innovative Research(IIR)