

Hao Sun

MASTER STUDENT · COMPUTER VISION · MEDICAL IMAGE PROCESSING

4259 Nagatsuta-cho, Midori-ku Yokohama, Kanagawa 226-8503 Japan

☎ (+81) 090-9102-7626 | ✉ sunhaozu@outlook.com | 🏠 haosun99.xyz | 📱 SunHao-TokyoTech | 📺 haosun117/

“Keep stupid, keep hungry.”

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)