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EDUCATION

Fudan University

2022.9 – 2025.6 (Expected)

Academy for Engineering & Technology

M.Eng. in *Biomedical Engineering*

GPA: 3.58/4.00

Research Interests: Artificial Intelligence, Robotics, 3D Vision, Extended Reality

Tongji University

2018.9 – 2022.6

School of Mechanical Engineering

B.Eng. in *Mechanical Engineering*

GPA: 4.58/5.00 **Rank:** 7/115

EXPERIENCE

- **Shanghai Key Laboratory of Medical Image Computing and Computer Assisted Intervention**
Student Member **2022.9 – Now**

Responsible for researches and demonstrations of **surgery navigation system** and **surgical robots**.

<https://miccai.fudan.edu.cn/>

- **Laboratory of Robotics and Multibody System, Tongji University**

Student Member

2019.11 – 2022.2

Responsible for vision algorithm and hardware of **multi-function robot** for water regulation and **land-air amphibious robot**.

<http://robotics-tongji.org/>

PUBLICATIONS

#: Equal Contribution, *: Corresponding Author

1. W Tang, L Shao, X Zhang, X Chen*. **Estimation of Hand Pressure and Pose from RGB Images based on Cross-modal Cues**. Submitting
2. L Shao, B Chen, X Chen*. **3D Clothed Human Reconstruction from Single In-the-wild RGB Image**. Submitted to *2024 IEEE International Conference on Image Processing (ICIP)*.
3. L Shao, B Chen, X Chen* *et al.* **Artificial Intelligence Generated Content (AIGC) in Medicine: A Narrative Review**. *Mathematical Biosciences and Engineering*, 2024, 21(1): 1672-1711. (SCI, JCR Q1/Q2)
4. L Shao#, W Tang#, X Chen* *et al.* **Medical Metaverse: Technologies, Applications, Challenges and Future**. *Journal of Mechanics in Medicine and Biology*, 2023, 23(02): 2350028. (SCI)

PATENTS

1. A Foot Pressure Detection Algorithm based on Multi-modal Information. No. CN117017268A, 2023
2. A Multifunctional Intelligent Water Surface Robot. No.CN112942273A, 2021.
3. A Amphibious Robot. No. CN113119670A, 2021.

HONORS (SELECTED)

➤ The 2nd Prize of Scholarship , by <i>Fudan University</i>	2023
➤ The 3rd Prize , “Challenge Cup” National Undergraduate Extracurricular Academic Scientific and Technological Works Competition	2022
➤ Outstanding Graduate of Shanghai , by <i>Shanghai Municipal Education Commission</i> (TOP 5%)	2022
➤ The 1st Prize of Scholarship , by <i>Tongji University</i>	2020,2021
➤ Bronze Medal , The 2020 University Physics Competition	2020
➤ The 2nd Prize , National college students Mathematical Contest (non-math) in Shanghai, by <i>Shanghai Mathematical Society</i>	2020
➤ The 2nd Prize of Scholarship , by <i>Tongji University</i>	2019

Updating...