

Yulong Dou

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EDUCATION

ShanghaiTech University

Sep. 2023 – Present

Ph.D. in Computer Science

- Supervisor: Prof. Dinggang Shen, Prof. Zhiming Cui
- GPA: 3.94/4.0
- Honor: **National Scholarship**

ShanghaiTech University

Sep. 2019 – Jun. 2023

B.E. in Biomedical Engineering

- Supervisor: Prof. Dinggang Shen
- GPA: 3.68/4.0
- Ranking: 2/19
- Honor: **Outstanding Graduate**

PUBLICATIONS

COMET:Controllable Orthodontic Video Editing with Multi-view Estimation

Lanzhuju Mei, Yulong Dou, Han Wu, Guo Chen, Zhiming Cui, Dinggang Shen

arXiv, (Intend to Submit).

CLIK-Diffusion: Clinical Knowledge-informed Diffusion Model for Tooth Alignment

Yulong Dou, Han Wu, Changjian Li, Chen Wang, Tong Yang, Min Zhu, Dinggang Shen, Zhiming Cui

Medical Image Analysis (MedIA), 2025.

TeethDreamer: 3D Teeth Reconstruction from Five Intra-oral Photographs

Chenfan Xu, Zhentao Liu, Yuan Liu, Yulong Dou, Jiamin Wu, Jiepeng Wang, Minjiao Wang, Dinggang Shen, Zhiming Cui

International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI), 2024.

3D Structure-guided Network for Tooth Alignment in 2D Photograph

Yulong Dou, Lanzhuju Mei, Dinggang Shen, Zhiming Cui

The 34th British Machine Vision Conference (BMVC), 2023.

AWARDS

- Excellent Member of the Communist Youth League, 2024-2025.
- Outstanding Student Leader of ShanghaiTech, 2023-2024.
- **Outstanding Student** of ShanghaiTech (Top 10%), 2023-2024.
- Advanced Individual, School of Biomedical Engineering, ShanghaiTech University, 2024.
- Top 10 Posters, 1st Annual Research Day, School of Biomedical Engineering, ShanghaiTech University, 2023.
- **National Scholarship**, 2023.
- **China National Scholarship for Self-improvement Stars** (44 recipients in Shanghai), 2023.
- **Outstanding Graduate** of ShanghaiTech (Top 10%), 2023.
- National Encouragement Scholarship, 2022.
- **Merit Student** of ShanghaiTech (Top 10%), 2021-2022.
- Outstanding Team, Social Practice Program for 2019 Undergraduates, ShanghaiTech University, 2021.
- Outstanding Individual, Industrial Practice Program for 2019 Undergraduates, ShanghaiTech University, 2021.
- Outstanding Team, Industrial Practice Program for 2019 Undergraduates, ShanghaiTech University, 2021.
- National Encouragement Scholarship, 2021.
- **Merit Student** of ShanghaiTech (Top 10%), 2020-2021.

- National Encouragement Scholarship, 2020.

SERVICES

Conference Reviewer

- International Conference on Machine Learning in Medical Imaging (MLMI), 2024.
- International Conference on Machine Learning in Medical Imaging (MLMI), 2023.

Membership

- Student Member of The British Machine Vision Association and Society for Pattern Recognition (BMVA).

Teaching Assistant

- BME2113 Algorithm Design and Analysis (Python), School of Biomedical Engineering, ShanghaiTech, 2024-2025 Fall.
- BME1047 Physiology, School of Life Science and Technology, ShanghaiTech, 2021-2022 Spring.

Other Services

- Admission Volunteer, Jiangsu Province Undergraduate Admissions Team, ShanghaiTech.
- Founding President, Student Development Committee, School of Biomedical Engineering, ShanghaiTech, with the honor of advanced individual.
- Student Representative of the 4th ShanghaiTech University Student Congress.
- Leader, "Medical Devices" Team, Industrial Practice Program for 2019 Undergraduates, ShanghaiTech.
- Student Administrative Assistant, Office of Student Affairs, ShanghaiTech.
- Student Leader of Mentor Group, ShangDao College, ShanghaiTech University.