

# Yulong Dou

📍 Shanghai, China    ✉️ douyl2023@shanghaitech.edu.cn    ☎️ 13357896132    🌐 douyl.github.io

## EDUCATION

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### ShanghaiTech University

Sep. 2023 – Present

*M.S. in Biomedical Engineering*

- Supervisor: 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

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### COMET:Controllable Orthodontic Video Editing with Multi-view Estimation

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

*IEEE/CVF International Conference on Computer Vision (ICCV), 2025 (Under Review).*

### 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), (Major Revision).*

### 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

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- 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

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### 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.