李哲 Zhe Li

📞 188 0137 9062   ✉ liz19@mails.tsinghua.edu.cn   🏠 http://lizhe00.github.io   👥 2000.09

🎓 Education

Tsinghua University (THU)   2019.9 – Present
Department of Automation   Ph.D. Student   Beijing

- Advisor：Prof. Yebin Liu
- Research Field：3D computer vision, especially 3D human modeling

University of Science and Technology of China (USTC)   2015.9 – 2019.6
Class of the Gifted Young   Bachelor   Hefei, Anhui

- Subject: Automation
- GPA: 88/100，Rank：7/132

🏛 Publication

My research mainly focuses on 3D computer vision, especially **3D human modeling**, including human reconstruction, volumetric capture and animatable avatars. I have published 5 top-tier conferences and journals like CVPR/ICCV/ECCV/PAMI/SIGGRAPH. Among them 4 are first-authored, and 2 first-authored papers are selected as CVPR oral presentations.

- AvatarCap: Animatable Avatar Conditioned Monocular Human Volumetric Capture
  Zhe Li, Zerong Zheng, Hongwen Zhang, Chaonan Ji, Yebin Liu
  European Conference on Computer Vision (**ECCV**), 2022
  [Project 🔗] [Demo 🎬] [Code 🐙]
- Robust and Accurate 3D Self-portraits in Seconds
  Zhe Li, Tao Yu, Zerong Zheng, Yebin Liu
  IEEE Transactions on Pattern Analysis and Machine Intelligence (**T-PAMI**), 2021
  [Project 🔗] [Demo 🎬]
- POSEFusion: Pose-guided Selective Fusion for Single-view Volumetric Capture
  Zhe Li, Tao Yu, Zerong Zheng, Kaiwen Guo, Yebin Liu
  IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2021 (**Oral Presentation**)
  [Project 🔗] [Demo 🎬]
- Lightweight Multi-person Total Motion Capture Using Sparse Multi-view Cameras
  Yuxiang Zhang, **Zhe Li**, Liang An, Mengcheng Li, Tao Yu, Yebin Liu
  IEEE International Conference on Computer Vision (**ICCV**), 2021.
  [Project 🔗] [Demo 🎬]
- Robust 3D Self-portraits in Seconds
  Zhe Li, Tao Yu, Chuanyu Pan, Zerong Zheng, Yebin Liu
  IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2020 (**Oral Presentation**)
  [Project 🔗] [Demo 🎬]

💙 Distinction

Tsinghua Alumni Li Yanda Scholarship，Tsinghua University	2022
National Scholarship，Ministry of Education of China	2021
Outstanding Student Scholarship (Golden)，USTC	2018