

李哲 Zhe Li



🏠 Birth Date: 2000.09
☎ Phone: 188 0137 9062
✉ E-mail: liz19@mails.tsinghua.edu.cn
🏠 Homepage: <https://lizhe00.github.io>
🎓 Google Scholar: <https://scholar.google.com/citations?user=yoKleclAAAAJ>
🐙 Github: <https://github.com/lizhe00>

🎓 Education

- | | |
|---|------------------|
| Tsinghua University (THU) | 2019.9 – Present |
| Department of Automation Ph.D. Student | Beijing |
| <ul style="list-style-type: none">• Advisor: Prof. Yebin Liu• Research Field: 3D Computer Vision | |
| University of Science and Technology of China (USTC) | 2015.9 – 2019.6 |
| Class of the Gifted Young Bachelor | Hefei, Anhui |
| <ul style="list-style-type: none">• 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 6 top-tier conferences and journals like CVPR/ICCV/ECCV/T-PAMI/SIGGRAPH. Among them 5 are first-authored, and 2 first-authored papers are selected as CVPR oral presentations.

- [1] PoseVocab: Learning Joint-structured Pose Embeddings for Human Avatar Modeling
Zhe Li, Zerong Zheng, Yuxiao Liu, Boyao Zhou, Yebin Liu
SIGGRAPH Conference Proceedings, 2023
[\[Project 📄\]](#) [\[Demo 📺\]](#) [\[Code 📄\]](#)
- [2] 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
[\[Project 📄\]](#) [\[Demo 📺\]](#) [\[Code 📄\]](#)
- [3] 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 (IF: 24.314)
[\[Project 📄\]](#) [\[Demo 📺\]](#)
- [4] 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)
[\[Project 📄\]](#) [\[Demo 📺\]](#)
- [5] 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
[\[Project 📄\]](#) [\[Demo 📺\]](#)
- [6] 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