

Yuan Li

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EDUCATION

Zhejiang University

M.Eng in Computer Science, Advisor: Prof. Zhaopeng Cui

Zhejiang, China

09/2023–03/2026

Zhejiang University

B.Eng in Computer Science GPA: 3.97/4.0 (92.3/100.0)

Zhejiang, China

09/2019–06/2023

RESEARCH EXPERIENCE

Student Researcher @ Seed3D, ByteDance

04/2026 – 08/2026

- Focus: Scaled-up training and inference for single-view and multi-view 3D geometry generation. Worked on Seed3D foundation model training and inference pipelines for detailed and robust multi-view generation from generated or real-world images.

Visiting Student @ Cornell

07/2025 – 12/2025

- Focus: Long-tail in-the-wild 3D reconstruction. Proposed MegaDepth-X, a large-scale, clean, and depth-refined dataset featuring reliable 3D reconstructions and a sparse-aware sampling algorithm.

Student Researcher @ Google AR

07/2024 – 12/2024

- Focus: Video Diffusion and Human head animations. Proposed IMPortrait, a novel 3D-aware diffusion-based method for generating photorealistic talking head videos directly from a single identity image and explicit control signals (e.g., expressions).

Visiting Student @ University of Illinois Urbana-Champaign

06/2022 – 11/2022

- Focus: Applying data synthesis to 3D reconstructions at the scene scale. Proposed ClimateNeRF, a novel solution that can render realistic weather effects within neural radiance fields.

PUBLICATIONS

(* denotes equal contribution)

- **Long-Tail Internet Photo Reconstruction**

Yuan Li, Yuanbo Xiangli, Hadar Averbuch-Elor, Noah Snavely, Ruojin Cai
CVPR 2026 - [Project Page](#) - [Paper](#)

- **IM-Portrait: Learning 3D-aware Video Diffusion for Photorealistic Talking Heads from Monocular Videos**

Yuan Li*, Ziqian Bai*, Feitong Tan, Zhaopeng Cui, Sean Fanello, Yinda Zhang
CVPR 2025 - [Project Page](#) - [Paper](#)

- **Neural Gaffer: Relighting Any Object via Diffusion**

Haian Jin, Yuan Li, Fujun Luan, Yuanbo Xiangli, Sai Bi, Kai Zhang, Zexiang Xu, Jin Sun, Noah Snavely
NeurIPS, 2024 - [Project Page](#) - [Paper](#)

- **GaussianPrediction: Dynamic 3D Gaussian Prediction for Motion Extrapolation and Free View Synthesis**

Boming Zhao*, Yuan Li*, Ziyu Sun, Lin Zeng, Yujun Shen, Rui Ma, Yinda Zhang, Hujun Bao, Zhaopeng Cui
SIGGRAPH, 2024 - [Project Page](#) - [Paper](#)

- **GeneAvatar: Generic Expression-Aware Volumetric Head Avatar Editing from a Single Image**

Chong Bao*, Yinda Zhang*, Yuan Li*, Xiyu Zhang, Bangbang Yang, Hujun Bao, Marc Pollefeys, Guofeng Zhang, Zhaopeng Cui
CVPR, 2024 - [Project Page](#) - [Paper](#)

- **NeuMesh++: Towards Versatile and Efficient Volumetric Editing with Disentangled Neural Mesh-based Implicit Field**
Chong Bao*, Yuan Li*, Bangbang Yang, Yujun Shen, Hujun Bao, Yinda Zhang, Zhaopeng Cui, Guofeng Zhang
TPAMI 2025
- **ClimateNeRF: Extreme Weather Synthesis in Neural Radiance Field**
Yuan Li*, Zhi-Hao Lin*, David Forsyth, Jia-Bin Huang, Shenlong Wang
ICCV, 2023 - [Project Page](#) - [Paper](#)

TEACHING EXPERIENCES

Teaching Assistant <i>Object-Oriented Programming</i>	Fall, 2023 <i>Zhejiang University</i>
Teaching Assistant <i>Fundamentals of C Programming</i>	Fall, 2022 <i>Zhejiang University</i>

AWARDS

2025 Oct. **National Scholarship**, Zhejiang University
2023 Mar. **Outstanding Graduates of Zhejiang University**, Zhejiang University
2021 Sep. **Zhejiang University First Class Scholarship**, Zhejiang University
2020 Sep. **Zhejiang Provincial Government Scholarship**, Zhejiang University
2020 Nov. **1st award in National College Student Mathematics Preliminary Contest**, National College Student Mathematics Association