

Chuanrui Zhang

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EDUCATION

Tsinghua University - *Tsinghua Shenzhen International Graduate School* Aug.2022 - Present

- M.E. in Electronic and Information Engineering (Artificial Intelligence)
- Advisor: Prof. Haoqian Wang
- GPA: 3.85 / 4.0
- Research interests: 3D Object Detection, 3D Reconstruction

Tongji University - *College of Electronic and Information Engineering* Sep.2018 - Jun.2022

- B.E. in Automation
- GPA: 4.65 / 5.0
- Main Courses: Probability Theory, Analog Electronic Technology, Digital Electronics Technology

PUBLICATIONS

Category-level Object Detection, Pose Estimation and Reconstruction from Stereo Images 2024

Chuanrui Zhang*, Yonggen Ling*, Minghan Qin, Minglei Lu, Haoqian Wang

European Conference on Computer Vision (**ECCV 2024**) [[Website](#)]

TranSplat: Generalizable 3D Gaussian Splatting from Sparse Multi-View Images with Transformers 2024

Chuanrui Zhang*, Yingshuang Zou*, Zhuoling Li, Minmin Yi, Haoqian Wang

ArXiv preprint arXiv: 2408.13770 [[Website](#)]

VoxelFormer: Bird's-Eye-View Feature Generation based on Dual-view Attention for Multi-view 3D Object Detection 2023

Zhuoling Li*, **Chuanrui Zhang***, Wei-Chiu Ma, Yipin Zhou, Linyan Huang, Haoqian Wang, SerNam Lim, Hengshuang Zhao

ArXiv preprint arXiv: 2304.01054 [[Code](#)]

EXPERIENCES

Research Intern - *Tencent Robotics X* May.2023 - Present

- Proposed CODERS, a one-stage approach for Category-level Object Detection, pose Estimation and Reconstruction from Stereo images.
- Our method enables robots to grasp objects composed of a diverse range of materials. [[Video](#)].

AWARDS

Scholarship, Tsinghua University 2023

Excellent Graduates, Shanghai 2022

Nation Scholarship 2019

SKILLS

Programming: Python, Pytorch, CUDA, LaTeX

Languages: English, Chinese