Chuanrui Zhang

Tsinghua University

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EDUCATION

M.S.   Artificial Intelligence, Tsinghua University, Beijing, China
Advisor: Haoqian Wang   2022-present

B.E.   Automation, Tongji University, Shanghai, China   2018-2022

EXPERIENCE

2023   Full-time intern, Tencent Robotics X

RESEARCH AREAS

Computer Vision: 3D object detection for autonomous driving & robot manipulation

Conference Proceedings

2024   **Zhang, C.**, Ling, Y., Lu, M., Qin, M., Wang, H., "Category-level Object Detection, Pose Estimation and Reconstruction from Stereo Images." In: *arXiv preprint arXiv:2407.06984* (2024) (Accepted to ECCV 2024)

Preprint Papers

2023   Li, Z., **Zhang, C.**, Ma, W.-C., "Voxelformer: Bird's-eye-view feature generation based on dual-view attention for multi-view 3d object detection." In: *arXiv preprint arXiv:2304.01054* (2023) (Co-First author)

2022   Li, Z., **Zhang, C.**, Yu, E., Wang, H., "Delving into the pre-training paradigm of monocular 3d object detection." In: *arXiv preprint arXiv:2206.03657* (2022)

AWARDS

Awards and Honors

2023   Scholarship, Tsinghua University

2022   Excellent Graduates, Shanghai

2021   Scholarship, Tongji University

2019   Nation Scholarship

SKILLS

Programming	Python, C/C++, LaTex
Deep Learning	PyTorch, TensorFlow
Visualization	Matplotlib, OpenCV, Open3d
Do Sports	Orienteering, Running