Xiang Li



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Education

Tsinghua University
College of AI *2025.09 – Now*
Ph.D. Student
- **GPA**: 3.96 / 4.0
- **Advisor**: Prof. Ya-Qin Zhang

Department of Computer Science and Technology *2021.09 – 2025.06*
B.Eng. in Computer Science
- **GPA**: 3.92 / 4.0
- **Rank**: 25 / 184 (Top 15%)

Publications

(*equal contribution; #core contribution)

[J1] (**RA-L 2025**) **Xiang Li**, Yupeng Zheng, Pengfei Li, et al. *Enhancing Indoor Occupancy Prediction via Sparse Query-Based Multi-Level Consistent Knowledge Distillation.*

[C1] (**CoRL 2026**) Yupeng Zheng*, Jichao Peng*, Weize Li#, Yuhang Zheng#, **Xiang Li**#, Yujie Jin#, et al. *World In Your Hands: A Large-scale Ego-centric Dataset for Learning Robotic Manipulation In the Wild.*

[C2] (**ICLR 2025**) **Xiang Li**, Pengfei Li, Yupeng Zheng, et al. *Semi-Supervised Vision-Centric 3D Occupancy World Model for Autonomous Driving.*

[C3] (**ICRA 2024**) Yupeng Zheng*, **Xiang Li***, Pengfei Li, et al. *MonoOcc: Digging into Monocular Semantic Occupancy Prediction.*

Research Experience

OpenPhoenix Team *2026.08 – Now*
Co-Founder
- Topic: Pre-training and post-training for embodied foundation models
- Project: Phoenix (Tech report)

TARS Robotics | AWE Research Team *2025.02 – Now*
Research Intern
- Topic: Pre-training and post-training for embodied foundation models; Egocentric learning from human manipulation data; Occupancy prediction in indoor scenarios
- Project: GIFT (In submission), LAWA (In submission), WIYH (CoRL 2026), DiScene (RA-L 2025)
- Mentor: Prof. Wenchao Ding and Prof. Yilun Chen

Institute for AI Industry Research, Tsinghua University (AIR, THU) *2023.09 – 2025.08*
Research Intern
- Topic: Occupancy prediction and forecasting in autonomous driving scenarios
- Project: PreWorld (ICLR 2025), MonoOcc (ICRA 2024)
- Mentor: Prof. Yan Wang and Prof. Yilun Chen

The HKU Musketeers Foundation Institute of Data Science (HKU IDS) *2024.07 – 2024.09*
Student Research Assistant
- Topic: 3D visual grounding and reasoning grounding
- Mentor: Prof. Xihui Liu

HONORS

[1] Tsinghua Comprehensive Excellence Scholarship
[2] Kindle Blue Scholarship
[3] **Tsinghua Doctoral Fellowship for Future Scholar**
[4] Outstanding Graduate of Department
[5] Tsinghua Academic Excellence Scholarship (2022, 2023, 2024)
[6] Tsinghua Art Excellence Scholarship (2022, 2023)
[7] Tsinghua Freshman Scholarship

SKILLS, ACTIVITIES & INTERESTS

Languages: Fluent in English, passing the CET-6 with a score of 634
Technical Skills: Python, C, C++
Scientific Research Interests: 3D Scene Understanding, Embodied AI, Autonomous Driving
Other Interests: Member of the script writing team of THU Drama Troupe, Core member of the Podcast Department of THU Student Film Association