

# Xiang Li



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## EDUCATION

### Tsinghua University

2021.09 – 2025.07

*Department of Computer Science and Technology*

- **GPA:** 3.92 / 4.0
- **Rank:** 25 / 184 (Top 15%)
- **A+ Courses:** Artificial Neural Networks, Students Research Training, Software Engineering, Computer Network, Introduction to Computer Systems, Formal Languages and Automata, Linear Algebra, etc.

## HONORS

- Excellent Academic Scholarship (2021, 2022, 2023)
- Excellent Art Scholarship (2022, 2023)
- Freshman Scholarship

## PUBLICATIONS

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

## RESEARCH EXPERIENCE

### 3D Scene Understanding for Autonomous Driving

2023.06 – Now

*Supervised by Prof. Yilun Chen,*

*Institute for AI Industry Research, Tsinghua University (AIR, THU), China.*

- My project mainly focuses on occupancy prediction algorithms in autonomous driving scenarios. Currently, our project has achieved SOTA performance on nuScenes dataset. We are planning to submit our work to ICLR 2025.

### 3D Scene Understanding for Embodied Agents

2024.07 – 2024.09

*Supervised by Prof. Xihui Liu,*

*The HKU Musketeers Foundation Institute of Data Science (HKU IDS), China.*

- My project mainly focuses on 3D visual grounding and 3D reasoning grounding.

## 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, Autonomous Driving, AIGC
- **Other Interests:** Member of the script writing team of THU Drama Troupe, core member of the Podcast Department of THU Student Film Association.