

Xiang Li



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EDUCATION

Tsinghua University

Department of Computer Science and Technology

2021.09 – 2025.07

Undergraduate

- **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

Tsinghua Excellent Academic Scholarship (2022, 2023, 2024)

Tsinghua Excellent Art Scholarship (2022, 2023)

Tsinghua Freshman Scholarship

PUBLICATIONS

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

(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

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

2023.06 – Now

Research Intern

- Topic: Occupancy prediction and forecasting in autonomous driving scenarios
- Projects: PreWorld (ICLR 2025), MonoOcc (ICRA 2024)
- Advisor: Prof. Yilun Chen

3D Scene Understanding for Embodied Agents

TARS

2025.02 – Now

Research Intern

- Topic: Occupancy prediction in indoor scenarios
- Advisor: Prof. Wenchao Ding

The HKU Musketeers Foundation Institute of Data Science (HKU IDS)

2024.07 – 2024.09

Student Research Assistant

- Topic: 3D visual grounding and reasoning grounding
- Advisor: Prof. Xihui Liu

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, Embodied AI

Other Interests: Member of the script writing team of THU Drama Troupe, core member of the Podcast Department of THU Student Film Association.