

# Xuyang Ma, Master Student

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🌐 <https://github.com/RTX2080>

## Education

- 2021 – 2024    📖 **M.Sc. in Computer Technology, Institute of Computing Technology, Chinese Academy of Sciences**  
supervised by **Prof. Yiqing Zhou**.
- 2017 – 2021    📖 **Bachelor in Software Engineering, Shandong University**  
Thesis title: *A Comparative Analysis of SIFT and SURF Feature Extraction for Depth Camera Image Matching* supervised by **Prof. Rongjiang Pan**.

## Research Publications

Xuyang Ma *et al.* "Data Transmission in LEO Satellite Communication Network: Spatio temporal Cost Model and Reallocation Algorithm," *IEEE Transactions on Vehicular Technology*. **(With Associate Editor)**

Xuyang Ma *et al.*, "A Method for Testing Satellite Algorithms" Patent No. CN114780063A, China, 2022.

## Awards and Achievements

### Awards

- 2019    📖 **Champion**, International Collegiate Programming Contest China Invitational Contest (Nanchang)
- 📖 **Gold Award**, China Collegiate Programming Contest Regional Contest (Qinhuangdao)
- 📖 **Runner-up**, International Collegiate Programming Contest China Provincial Contest (Shandong)
- 📖 **Silver Award**, International Collegiate Programming Contest Asia Regional Contest (Nanchang)
- 📖 **Bronze Award**, China Computer Federation Collegiate Computer Systems & Programming Contest

### Achievements

- 2023    📖 **Volunteer Experience**. Received appreciation letter from Science and Technology Popularization, China Association for Science and Technology.
- 📖 **Volunteer Recognition Certificate No.2023050001034**. Awarded by Bureau of Academic Divisions, Chinese Academy of Sciences.
- 2022    📖 **Volunteer Recognition Certificate CASF2022000Vo204**. Awarded by Bureau of Science Communication, Chinese Academy of Sciences.

## Skills

- Languages    📖 IELTS 6.5(L:6.5, R:8.5, W:6, S:5.5) taken in 2023
- Misc.    📖 Science education volunteer

## Interests

- Sports    📖 Table tennis, Badminton, Cycling, Swimming, Go, Chinese chess (Received Honorable Mention from Chinese University Mind Sports Association)
- Misc.    📖 Watching anime, Playing computer games

## Online Courses

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<a href="#"><u>CS61A</u></a>	Structure and Interpretation of Computer Programs
<a href="#"><u>CS188</u></a>	Introduction to Artificial Intelligence
<a href="#"><u>Games101</u></a>	Introduction to Modern Computer Graphics
<a href="#"><u>Games102</u></a>	Geometry Modeling and Processing (GMP)
<a href="#"><u>Games103</u></a>	Introduction to Physics-Based Computer Animation
<a href="#"><u>Games202</u></a>	High-Quality Real-Time Rendering
<a href="#"><u>Coursera</u></a>	Machine Learning