

Jinjie Li

Gender: Male | Nationality: Chinese
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Education

- **Beihang University** Sept. 2020 – June 2023 (expected)
M. Sc. in Control Science and Engineering, GPA: 89.8/100 Beijing, China
- **Beihang University** Sept. 2016 – June 2020
B. Eng. in Automation, ShenYuan Honors College, GPA: 89.7/100 Beijing, China
- **Taiyuan No.5 High School** Sept. 2013 – June 2016
High School Student Taiyuan, Shanxi, China
- **Taiyuan No.37 Middle School** Sept. 2010 – June 2013
Middle School Student Taiyuan, Shanxi, China
- **Taiyuan Binhe Primary School** Sept. 2004 – June 2010
Primary School Student Taiyuan, Shanxi, China

Research Interests

My research interests are in the intersection of machine learning and control science, spanning the entire spectrum from algorithm design to real-world applications in autonomy.

Publications

Conference Paper

1. **[ICRA'22]** Jinjie Li, Liang Han, Zhang Ren, “Indoor Localization for Quadrotors using Invisible Projected Tags”, *IEEE International Conference on Robotics and Automation (ICRA)*, 2022. [\[oral\]](#) [\[pdf\]](#) [\[video\]](#)

Research Experiences

- Stars Lab, Beihang University* Beijing & Hangzhou, China
- **Learning-Based MPC for Close-Proximity Flight of Quadrotors** Nov. 2021 – Present
Master's Thesis Advisor: Prof. Liang Han
 - **Low-Cost Indoor Localization in Augmented Reality Systems** May 2021 – Feb. 2022
Researcher Advisor: Prof. Liang Han
- Academic Projects, Beihang University* Beijing, China
- **Indoor Flight using Dyna-Q Algorithm with AprilTag Localization** Dec. 2019 – June 2020
Bachelor's Thesis Advisor: Prof. Liang Han
 - **Development of a Water Container with a Settable Temperature Controller** Feb. 2018 – June 2018
Team Leader, Course Project of Fundamentals of Analog Electronics Advisor: Prof. Yao Tang

Skills Summary

- **Languages:** English (TOEFL iBT 100, Reading 29, Listening 27, Speaking 20, Writing 24), Chinese (Mother Tongue)
- **Coding:** Python, C/C++, MATLAB, Mathematica, Bash, Git, Data-Oriented Programming, L^AT_EX
- **Hobbies:** Photography [\[homepage\]](#), Travelling, Badminton, Table Tennis, Ski, Hiking

Activities

- Photography Association, Beihang University 2016 – Present
- Science and Technology Exchange Camp, University of Cambridge 2019

Honors and Awards

- Merit Student Scholarship 2016 – 2018, 2022
- Freshman Scholarship 2021
- Beihang Scholarship 2021
- Beihang Outstanding Graduates 2020