

# Zhang Zhaopeng

*Last updated in March 2025*

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## Education

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### Nankai University

B.S. in Automation

*Sept 2017 - June 2021*

- **Coursework:** C++ Programming, Introduction to Robotics, Automatic Control Theory

### Nankai University

M.Phil. in Control Science and Engineering

*Sept 2021 - June 2023*

- **Research:** Visual servoing control for aerial manipulators

### Nankai University

Ph.D. Candidate in Control Science and Engineering

*Sept 2023 - now*

- **Research:** Motion planning for aerial manipulators

## Publications

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### An End-Effector-Oriented Coupled Motion Planning Method for Aerial Manipulators in Constrained Environments

Mar 2025

*IEEE Transactions on Mechatronics, accept, 2025*

Zhang Zhaopeng, Yu Hai, Chai Yi, Yang Zhichao, Liang Xiao, Fang Yongchun, Han Jianda

### Visual servoing control for aerial manipulator via hierarchical motion decomposition

May 2023

*Control Theory and Applications, in Chinese, 41(5), 2024*

Zhang Zhaopeng, He Wei, Liang Xiao, Han Jianda, Fang Yongchun

### An anti-swing controller for aerial transportation system with flexible suspending rope

Oct 2021

*Asian Conference on Artificial Intelligence Technology (ACAIT), 2021*

Zhang Zhaopeng, Liang Xiao, Zhang Zhuang, Han Jianda

## Coding Skills

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**Languages:** C++, Python, MATLAB, ROS

## Languages

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**Chinese:** Native, including *Mandarin* and *Cantonese*

**English:** Fluent

**Japanese:** Basic