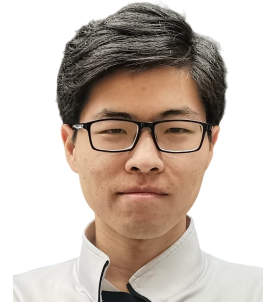


# Yasen Jia

✉ jason\_1120202397@163.com

🌐 Personal Website

🌐 Research Interest: Robot Learning, Legged Robots



## Education

- 2024 – now **■ M.Eng., Beijing Institute of Technology** Intelligent Robot and System
- 2020 – 2024 **■ B.Eng., Beijing Institute of Technology** in Mechatronical Engineering.  
Thesis title: *Adaptive Motion Control of Legged Robot on Multiple Terrains Based on Reinforcement Learning.*

## Research Publications

### Conference Proceedings

- 1 **Y. Jia** and Y. Huang, “Learning multiple locomotion on a quadrupedal robot through mode-aware reward functions and initial state distribution overlay,” in *Submitted to IROS2025*.
- 2 M. Su, **Y. Jia**, and Y. Huang, “Effects of prior knowledge for stair climbing of bipedal robots based on reinforcement learning,” in *2024 International Conference on Advanced Robotics and Mechatronics (ICARM)*, 2024, pp. 216–222. [🔗 DOI: 10.1109/ICARM62033.2024.10715938](https://doi.org/10.1109/ICARM62033.2024.10715938).

## Skills

Languages	■ English(Tofel 97/120), Chinese
Coding	■ C, C++, Python, MATLAB, HTML, ...
Robot Learning	■ PyTorch, IsaacGym, Gym
Embedded Systems	■ stm32, ROS/ROS2, Linux, Wire Welding, Basic PCB design, ...

## Miscellaneous Experience

### Awards and Achievements

- 2024 **■ Outstanding Graduates of Beijing**, by Beijing Municipal Commission of Education
- Outstanding Graduates of Beijing Institute of Technology**, by Beijing Institute of Technology
- 2021-2023 **■ National Encouragement Scholarship**


### Certification

- 2022 **■ Participation Certificate in Olympic Winter Games Beijing 2022**. Awarded by Beijing Organising Committee for the 2022 Olympic and Paralympic Winter Games.

## Miscellaneous Experience (continued)

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### Hobbies

Distance Running  **I love distance running and conduct running training regularly in my spare time. I have successfully lost about 25KG through running. For more info, please see the post in my personal website**