

Jianheng Hu / 胡健恒

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Research interests: robotics, sim-to-real transfer, embodied intelligence, intelligent optimization

EDUCATION

Beihang University, Shi'e College

2025.09 - present

- B.Eng. student; intended direction: School of Automation Science and Electrical Engineering.
- CET-4: 619.

RESEARCH EXPERIENCE

CCHHH: Cooperative Coevolution and Contextual Bandit Based Heterogeneous-Island Hyper-Heuristic

2025.10 -
2026.03

- Research topic: Cloud-Edge-Device collaborative scheduling with cooperative coevolution, contextual bandits, and heterogeneous island models.
- Independently completed the main research and manuscript drafting, including theoretical derivation, algorithm design, and experiments.
- Paper completed and being prepared for submission to a CAS Q1 journal; also used for Beihang's Fengru Cup science and technology competition.

COMPETITIONS & ACTIVITIES

- Lanqiao Cup National Software and Information Technology Competition, programming track, preparing in 2026.
- Informatics competition training during high school, 2021 - 2024; systematic study of algorithms and data structures.
- Beihang party school completion.
- Social practice: company visits to Segway-Ninebot, Empyrean, Yaskawa Shougang Robotics, and related technology companies.

SKILLS

- Programming: C/C++, Python.
- Tools: LaTeX, Git, Linux, SSH and remote development.
- Algorithm foundations: data structures, graph algorithms, dynamic programming, evolutionary algorithms.
- English: academic paper reading and writing.

PROFILE

Long-term direction: general physical intelligence - helping intelligent systems understand tasks, act reliably, and generalize in the physical world.