

Keonyoung Koh

Korea Advanced Institute of Science and Technology
(+82) 10-4508-5842 | keonyoung@kaist.ac.kr

EDUCATION

- M.S. in School of Computing** 2024 – Present
Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea
Advisor: Prof. Daehyung Park
- GPA: 4.10
- B.S. in Department of Mechanical Engineering** 2019 – 2024
Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea
B.S. in Mechanical Engineering & School of Computing (Double major)
- GPA: 3.76 / Major GPA: 3.80

RESEARCH INTEREST

- Perception-based Robot Planning
- Mobile Manipulation

RESEARCH EXPERIENCE

- RIRO Lab, School of Computing, KAIST** 2024 – Present
- Advisor: Prof. Daehyung Park
 - Researching constraint-aware mobile manipulation
- RIRO Lab, School of Computing, KAIST** 2023 – 2024
- Advisor: Prof. Daehyung Park
 - Undergraduate Research Program (URP)
 - Researched about semantic SLAM and quadrupedal robot navigation
- Angel Robotics, Seoul, South Korea** Mar. – Aug. 2022
- Undergraduate internship as part of Co-op program
 - Designed adaptive controller for parameter estimation of lower limb exoskeleton robot

PUBLICATIONS

- Jinwoo Kim*, **Keonyoung Koh*** et al, 2024. *Reactive Constraint Relaxation for Urban Environment Navigation*. International Conference on Robot Intelligence Technology and Applications (RiTA)
[**Best Student Paper Award**]

HONORS AND AWARDS

- Best Student Paper Award, RiTA** 2024
- Cum Laude, KAIST (Graduation Honor)** 2024
- ME Academic Excellence Award, Department of Mechanical Engineering, KAIST** 2021
- Dean's List, KAIST** 2019