Sangmin Kim

kim3040@kaist.ac.kr | (+82) 10.2221.2542

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST) | Daejeon, Korea   **Mar. 2025 –**
- **Ph.D. Candidate**, Mechanical Engineering
    - Research Area: Legged Robot, Control, Machine Learning, Optimization
    - Advisor: Hae-Won Park, Ph.D

Korea Advanced Institute of Science and Technology (KAIST) | Daejeon, Korea   **Mar. 2023– Feb. 2025**
- **M.S.**, Mechanical Engineering
    - Thesis: Dynamically Consistent Trajectory Optimization
        For Legged Robots via Contact Point Decomposition
    - Advisor: Hae-Won Park, Ph.D

Pusan National University (PNU) | Busan, Korea   **Mar. 2019– Feb. 2023**
- **B.S.**, Mechanical Engineering

Publication

1. **Sangmin Kim**, Jaehyun Park, Jei Kong, and Hae-Won Park, "An Integrated Framework for Autonomous Navigation of Legged Robots in Urban Environments", *International Conference on Control, Automation, and Systems (ICCAS)*, 2024.

2. Jaehyun Park, **Sangmin Kim**, Hyunseok Kim, and Hae-Won Park, "Pedipulate Motion Planning and Control for Complex Task Execution", *International Conference on Control, Automation, and Systems (ICCAS)*, 2024.

Awards

- **Outstanding Paper Award,** ICCAS, 2024