

# JinYeol Kim

KAIST  
291, Daehak-ro, Yuseong-gu, Daejeon, South Korea  
jinyeol.kim@kaist.ac.kr  
+82) 010-7355-9265

## EDUCATION

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Feb. 2019 ~<br>Feb. 2026 | <b>Korea Advanced Institute of Science and Technology</b><br>School of Electrical Engineering<br><i>B.S. in Electrical Engineering</i>                | Daejeon,<br>Korea |
| Feb. 2026 ~<br>Present   | <b>Korea Advanced Institute of Science and Technology</b><br>School of Electrical Engineering<br><i>Advisor: Min Jun Kim</i><br><i>Master Student</i> | Daejeon,<br>Korea |

## RESEARCH INTERESTS

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- Robot manipulator & control

## RESEARCH EXPERIENCES

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- Individual Research at IRSL, Electrical Engineering, KAIST, Korea (Jun. 2024 ~ Dec. 2025) /  
Developing a passivity-guaranteed manipulator framework integrating Model Predictive Control with an

## SKILLS AND TECHNIQUES

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- Programming : C++, Python, ROS, Matlab
- Simulator : Mujoco