

Jaewon BYUN

PERSONAL DATA

MARCH Lab., Department of Mechanical Engineering,
Pohang University of Science and Technology (POSTECH)
77 Cheongam-ro, Pohang, Gyeongbuk, 37673, Republic of Korea.

NATIONALITY South Korea
BIRTH June 10, 1999
E-MAIL bjw1146@postech.ac.kr
CELL +82-10-4513-4569



RESEARCH INTERESTS

- Autonomous Robot
- System Integration
- Control Theory
- Teleoperation

PUBLICATIONS

- [1] Jaewon Byun, Joonsub Byun, Junsu Kang, Inje Yi, Jung-Woo Lee, Kyoungseok Noh, Jong Chan Kim, Young-Ho Choi, Goobong Chung, Sang-Rok Oh, and Keehoon Kim, "Autonomous UV-C Disinfection and Wiping Robot: Assessment in a Hospital Environment," IEEE Robotics and Automation Magazine, vol. 33, no. 2, pp. 39-49, June 2026.
- [2] Jaewon Byun, and Keehoon Kim. "Benefits of Employing Surface Electromyography Signals for Power-Assisted Control from an Agility Perspective." IEEE Access, vol. 12, pp.66100-66109, May 2024.

EDUCATION & INTERNSHIP & STUDYING ABROAD

2022.09–PRESENT	Ph.D. Student Advisor: Prof. Kee Hoon KIM
2021.03–2022.08	M.S. in Department of Mechanical Engineering, POSTECH Advisor: Prof. Kee Hoon KIM
2017.02–2021.02	B.S., Major in Department of Mechanical Engineering, POSTECH Minor in Economics and Finance, POSTECH
2020.03–2020.12	Internship, MARCH Lab. (POSTECH) Advisor: Prof. Kee Hoon Kim
2019.07–2019.08	Internship, Samsung electronics
2018.06–2018.08	Internship, Femtobiomed