

Jaewon BYUN

PERSONAL DATA

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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, 2024 (Accepted).

[2] Jaewon Byun, and Keehoon Kim. "Benefits of Employing Surface Electromyography Signals for Power-Assisted Control from an Agility Perspective." IEEE Access (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