

Joon Sub BYUN

PERSONAL DATA

Graduate Student
MARCH Lab., Department of Mechanical Engineering,
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RESEARCH INTERESTS

Human-Robot interaction

- multi DOF haptic interface for MR-compatible
- teleoperation with haptic feedback

Robotic prosthetic hand

- Precision control of prosthesis
- Design and development of an underactuated prosthesis

EDUCATION & INTERNSHIP & STUDYING ABROAD

2022.02- Graduate student, Master course
Advisor: Prof. Keehoon KIM
Pohang University of Science and Technology (POSTECH), Pohang, Korea

2018.02-2022.02 B.S., Department of Mechanical Engineering,
Gwangju Institute of Science and Technology (GIST), Gwangju, Korea

2019.07-2019.08 Summer Semester, Boston University, Boston, MA, USA

2020.07-2021.08 Internship, TPFTML. (GIST) Advisor: Seunghyun Lee

2021.01-2021.12 Internship, IMR Lab. (GIST) Advisor: Jungwon Yoon

RESEARCH EXPERIENCE

AWARDS AND HONORS

2019 - 2021 Academic Excellence Scholarship 5 semester (GIST)

PUBLICATIONS

LANGUAGES, SKILLS AND ABILITIES

Languages	Korean (mothertongue) English (intermediate)
Computer Skills	MATLAB, Python, Julia, Labview SolidWorks, Inventor L ^A T _E X, Simulink
Hardware Equipment	Laser cutter, 3D printer Embedded - Arduino

INTERESTS AND ACTIVITIES

Movies, Musics, Games