

Jae Won BYEON

PERSONAL DATA

Graduate Student
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

Exoskeleton control for elderly

- Sensing bio-signal (Electromyogram)
- Electromyography signal processing and classification
- Kinematic mechanism and control strategies of exoskeleton

EDUCATION & INTERNSHIP & STUDYING ABROAD

2021.03-PRESENT Graduate student, Master course
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

2018.06-2018.08 Internship, LET Lab. (Seoul national university)
Advisor: Prof. Woo Jin Park

2019.07-2019.08 Internship, Samsung electronics
2018.06-2018.08 Internship, Femtobiomed

LANGUAGES, SKILLS AND ABILITIES

Languages Korean (mother tongue)
English (intermediate)

Computer Skills MATLAB, C/C++
Visual Studio, OpenGL, Solidworks, SketchUp, V-carve
Adobe Photoshop & Premiere & After effect
Android Studio

Hardware & 8-channel wireless sEMG-motion sensors (LogonU)
3D printing, Laser cutting
Lathe, Milling Machine
DAQ devices (National Instruments)
Embedded - Arduino

ETC. Soccer club ELEVEN
POSTECH Broadcast System(PBS)
POSTECH Residential college Advisor

INTERESTS AND ACTIVITIES

Soccer, Piano, Video editing, Stock