

Yong Seok LEE

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 September 16, 2000
E-MAIL dldydtjr2000@postech.ac.kr
CELL +82-10-3932-0347



RESEARCH INTERESTS

Underactuated robotic prosthetic hand

- Design with more DOF and passive adaptive grasp motion
- Control using bio-signal(sEMG)

EDUCATION & INTERNSHIP & STUDYING ABROAD

2022.03- Graduate student, Master course
Advisor: Prof. Kee Hoon KIM

2018.02-2022.02 B.S., Major in Department of Mechanical Engineering, POSTECH

2021.03-2021.12 Internship, MARCH Lab.(POSTECH)

AWARDS AND HONORS

PUBLICATIONS

LANGUAGES, SKILLS AND ABILITIES

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|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Languages | Korean (mothertongue) English (intermediate) |
| Computer Skills | MATLAB, C/C++, Python Visual Studio, MFC, Simulink SolidWorks, Autodesk AutoCAD |
| Hardware & Equipment | 8-channel wireless sEMG-motion sensors (LogonU) sEMG sensors (Delsys, Noraxon, Thalmic MYO) 3D printing, Laser cutting Embedded - Arduino |
| Recent Technologies | Deep learning |
| ETC. | Acoustic Band club(GuitarHana) |

INTERESTS AND ACTIVITIES

Guitar