

Moonyoung Yim

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PERSONAL DATA

- Birth: 12th July 2000, in Republic of Korea

EDUCATION

Jul. 2023 ~ Present	Gwangju Institute of Science and Technology, GIST Mechanical Engineering <i>Master Student</i> Advisor: Prof. Pilwon Hur	Gwangju, Korea
Mar. 2019 ~ Feb. 2023	Hansung University Department of Mechanical and Electronics Engineering Thesis: Manufacturing Hand Gesture Based Wearable Mouse for VR Advisor: Prof. Sangyul Lee <i>Bachelor of Mechanical Engineering</i>	Seoul, Korea
Mar. 2016 ~ Feb. 2019	Daejeon Jeonmin Highschool Department of Science	Daejeon, Korea

WORK EXPERIENCES

• Club Leader at <i>Traditional Music Club 'Tal', Hansung University</i>	Sep. 2022 ~ Feb. 2023
• Club Union Member at <i>Hansung University</i>	Apr. 2020 ~ Feb. 2023
• Club Leader at <i>Gender Diversity Club 'Hanow', Hansung University</i>	Mar. 2020 ~ Feb. 2023
• Course Representative at <i>Traditional Music Winter Course, Gochang</i>	Dec. 2022 ~ Jan. 2023
• Class Assistant at <i>Department of Computer Science and Engineering, Dongguk University</i>	Sep. 2022 ~ Dec. 2022
• Math Tutoring for Highschool Student	Nov. 2020 ~ Jul. 2021
• Club Department Head at <i>Off-Road DIY Car Club 'RAC', Hansung University</i>	Sep. 2020 ~ Jul. 2021
• Class Assistant at <i>College of Liberal Arts, Hansung University</i>	Dec. 2019 ~ Jan. 2020
• Commision Delegate at <i>Hansung University</i>	Apr. 2019 ~ Jul. 2019

PROJECT EXPERIENCES

• 2022 Tal Regualr Concert ✓ Direct whole concert and join as a instrumental player	Oct. 2022 ~ Jan. 2023
• Dan-O Fesetival at <i>Gwangjin-gu, Seoul</i> ✓ Join as a instrumental player	Apr. 2022 ~ Jun. 2022
• Line Tracer ✓ Development line tracer based on Arduino by using IR sensors	Nov. 2021 ~ Dec. 2021

- **BBAPWS!** *Beonjeok Bbiyong Automatic Pregnant Women Seat* Sep. 2021 ~ Dec. 2021
✓ Design automatic seat for pregnant women based on RFID tag
- **Online Concert ‘People outside the city’** at *Seongbuk-gu, Seoul* Sep. 2020 ~ Nov. 2020
✓ Join as a instrumental player

PAPERS

- Moonyoung Yim, Dong In Han, & Sangyul Lee (2023). Development of a Hand-operated Wearable Mouse for Virtual Reality. Journal of Institute of Control, Robotics and Systems, 29(11), 893-900, 10.5302/J.ICROS.2023.23.0035

AWARDS AND HONORS

2023	Hansung Talent Certification, Hansung University, Korea
2022	Bronze Prize, Hansung Engineering Contest, Hansung University, Korea
2022	Silver Prize in Patent Division, Hansung Engineering Contest, Hansung University, Korea

SKILLS AND TECHNIQUES

- Software
✓ Arduino, Matlab, Rhino3D
- Language
✓ Korean: native
✓ English: intermediate
✓ C/C#, Python

HOBBY

- Knitting and Crochet
- Play Traditional Music
- Learning a Language