

Juyong Lee

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Github

LinkedIn

Google scholar page

Interest Artificial General Intelligence, Robotics

Education **Korea Advanced Institute of Science & Technology (KAIST)** (2023-2024)(expected)
 M.S., Kim Jaechul Graduate School of AI
 Stanford university (2022)
 Pohang university of science and technology (POSTECH) (2016-2018, 2021-2022)
 B.S., Department of C. Science and Engineering & Mathematics (double major)
 Daegu science high school for gifted (2013-2015)

Publication **GM-VAE: Representation Learning with VAE on Gaussian Manifold**
 S. Cho, **J. Lee**, D. Kim; JKAIA (2022) (**Awarded**)

 A Rotated Hyperbolic Wrapped Normal Distribution for Hierarchical Representation Learning
 S. Cho, **J. Lee**, J. Park, D. Kim; NeurIPS (2022) (**accept**)

 Style-Agnostic Reinforcement learning
 J. Lee*, S. Ahn*, J. Park; ECCV (2022) (**accept**)

 Semi-supervised Image Classification with Grad-CAM Consistency
 J. Lee*, S. Cho*; arXiv (2021)

 Roughly Collected Dataset for Contact Force Sensing Catheter
 S. Cho*, M. Koo*, D. Kim, **J. Lee**, Y. Jung, K. Nam, C. Hwang; arXiv (2021)

 A 3D Cell Printed Muscle Construct with Tissue-Derived Bioink for the Treatment of Volumetric Muscle Loss
 Y. Choi, Y. Jun, D. Kim, H. Yi, S. Chae, J. Kang, **J. Lee**, G. Gao, J. Kong, J. Jang, W. Chung, J. Rhie, D. Cho; Biomaterials (2019)

Experience **Research**
 KAIST Cognitive Learning for Vision and Robotics Lab.; advised by J. Lim (2023.01-current)
 POSTECH Machine Learning Lab.; Research participant advised by D. Kim (2022.09-2022.12)
 POSTECH Computer Vision Lab.; Research internship advised by J. Park (2021.11-2022.08)
 POSTECH Robotics Lab.; Research internship advised by W. Chung (2017.10-2019.02)
Work
 Hybo; AGV platform design & development (2021.11-2022.03)
 Upstage; AI boostcamp tutor with T. Oh & S. Choi (2020.12-current)
 Republic Of Korea Army; Military vehicle driver & mechanics admin. (2019.04 - 2020.11)
 Neuromeka; Co-bot arm vision system project participant (2018.07-2018.11)

Award **Research**
 Outstanding paper, **Best award**(3rd), JKAIA (2022)
 Undergraduate Thesis, **Excellence award**(2nd), CSE POSTECH (2021, 2022)
 Under-Graduate students Research Program, **Best award**(2nd), POSTECH (2019)
Others
 IR challenge in east southern area of Korea, **Excellence award**(2nd), R&BD POSTECH (2022)
 Hardware Hackathon, **Excellence award**(2nd), Seoul Business Agency of Korea (2021)
 I-Corp (Start-up support Conference), **Special award**(1st), Ministry of Science, Korea (2020)