

Youngjoon Jang

PhD Student, Division of Future Vehicle, KAIST.

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RESEARCH INTEREST

My research aims to effectively train deep neural networks under limited labels and data, such as long-tailed/biased labels and unlabeled data. In addition, my research interests include language-inspired perceptions in Vision-Language models to bridge the gap between closed training environments and the open-world.

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST) Ph.D. in Division of Future Vehicle; Advisor: Joon Son Chung	Daejeon, South Korea Sep. 2022 – Present
Korea Advanced Institute of Science and Technology (KAIST) M.S. in Division of Future Vehicle; Advisor: In So Kweon ◦ Thesis: Learning Methodology According to Characteristics of Continuous Sign Language Recognition Dataset	Daejeon, South Korea Mar. 2020 – Feb. 2022
Kwangwoon University B.S. in Division of Robotics; GPA: 4.3/4.5	Seoul, South Korea Mar. 2014 – Feb. 2020

WORK EXPERIENCE

Korea Advanced Institute of Science and Technology (KAIST) Researcher, Multimodal AI Lab.	Daejeon, South Korea Mar. 2022 - Aug. 2022
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PUBLICATION

International Conferences

- Signing Outside the Studio: Benchmarking Background Robustness for Continuous Sign Language Recognition.
Youngjoon Jang, Youngtaek Oh, Jae Won Cho, Dong-Jin Kim, Joon Son Chung, In So Kweon
 - British Machine Vision Conference (BMVC), 2022.
- KSL-Guide: A Large-scale Korean Sign Language Dataset Including Interrogative Sentences for Guiding the Deaf and Hard-of-Hearing.
Soomin Ham, Kibaek Park, Youngjoon Jang, Youngtaek Oh, Seokmin Yun, Sukwon Yoon, Chang Jo Kim, Han-Mu Park, In So Kweon
 - International Conference on Automatic Face and Gesture Recognition (FG), 2021.

AWARDS & HONORS

International Competitions

- 1st Place, R-BIZ Challenge TURTLEBOT3 AUTORACE (ROBOTIS), Nov. 2018
- 5th Place, Sumo Robot, International Robot Contest (IRC), Oct. 2018
- 3rd Place, R-BIZ Challenge TURTLEBOT3 AUTORACE (ROBOTIS), Sep. 2017
- 5th Place, RoboCup Iran Open Rescue, Apr. 2017

National Competitions

- 2nd Place, Science and Technology Specialized University Startup Competition (GIST), Nov. 2021
- 2nd Place, App Startup Support Program Contest (KAIST), Apr. 2021
- 1st Place, RoboCup Korea Open Rescue, Feb. 2017

ACADEMIC SERVICE

Conference Reviewer

- * European Conference on Computer Vision (ECCV): 2022 (2 papers)

TEACHING

Teaching Assistance (TA) at FV, KAIST

- * PD513: Future Vehicle Capstone Design (Fall, 2022)
- * PD806: Automobile Special Topics in Mechanical Engineering (Fall, 2021)

TECHNICAL SKILLS

Programming: C, C++, Python, Pytorch