TAERYUNG LEE

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RESEARCH INTERESTS

- Human-centric computer vision (*e.g.*, human pose estimation and human motion generation).

- 3D computer vision.

- Generative models.

EDUCATION

MS., Ph.D., Artificial Intelligence   Mar 2021 - Present
Seoul National University (SNU), Seoul, Korea
Advisor: Prof. Kyoung Mu Lee

BS., Mathematical Science and Computer Science   Mar 2013 - Feb 2021
Korea Advanced Institute of Science and Technology (KAIST), Daejeon, Korea

PUBLICATIONS

1. **Taeryung Lee**, Fabien Baradel, Thomas Lucas, Kyoung Mu Lee, and Grégory Rogez, "T2LM: Long-Term 3D Human Motion Generation from Multiple Sentences", **CVPR 2024** workshop.

2. **Taeryung Lee**, Yeonguk Oh, and Kyoung Mu Lee, "Human Part-wise 3D Motion Context Learning for Sign Language Recognition", **ICCV 2023**.

3. Hongsuk Choi*, Hyeongjin Nam*, **Taeryung Lee**, Gyeongsik Moon and Kyoung Mu Lee, "Empirical Study of Pre-training a Backbone for 3D Human Pose and Shape Estimation.", **ICLR 2023** (* equal contribution).

4. **Taeryung Lee***, Gyeongsik Moon*, and Kyoung Mu Lee, "MultiAct: Long-Term 3D Human Motion Generation from Multiple Action Labels.", **AAAI 2023 (Oral presentation)** (* equal contribution).

HONORS

- Sponsorship program from **Samsung Research**   Mar 2024 -

- **Qualcomm-KAIST Innovation Awards 2019**   Nov 2020
  Software Development Hackathon on Emotion Recognition from Video **winner**

EXPERIENCES

Research Internship   Apr 2023 - Oct 2023
- Naver Labs Europe, Grenoble, France
  - Topic: Long-term human motion
  - Manager: Gregory Rogez

PROJECTS

- 3D Aware Sign Language Recognition (SLR) system development   May 2022 - Mar 2023
  co-op with Samsung SDS

SKILLS

Technical Skills	Python, Pytorch, LaTeX, C, git
Language	Korean (Native), English (Fluent)

REFERENCE

- Kyoung Mu Lee (Professor at Seoul National University, Korea), kyoungmu@snu.ac.kr

- Gyeongsik Moon (Assistant Professor at GIST, Korea), mks0601@gmail.com