

Haemin Kim

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EDUCATION

Korea Advanced Institute of Science and Technology (KAIST) <i>Ph.D. Student in Graduate School of Culture Technology</i>	Daejeon, South Korea <i>Sep. 2022 – Present</i>
Korea Advanced Institute of Science and Technology (KAIST) <i>Master's Degree in Graduate School of Culture Technology</i>	Daejeon, South Korea <i>Sep. 2020 – Aug. 2022</i>
Ewha Womans University <i>Bachelor of Computer Science and Engineering</i>	Seoul, South Korea <i>Mar. 2015 – Aug. 2020</i>

PUBLICATION

Long-term Motion In-betweening via Keyframe Prediction <i>Computer Graphics Forum</i>	Dec. 2024
Seokhyeon Hong, Haemin Kim , Kyungmin Cho, Junyong Noh	
Recurrent Motion Refiner for Locomotion Stitching <i>Computer Graphics Forum</i>	Aug. 2023
Haemin Kim , Kyungmin Cho, Seokhyeon Hong, Junyong Noh	

EXPERIENCE

Teaching Assistant, Computer Graphics Theory and Application <i>Korea Advanced Institute of Science and Technology (KAIST)</i>	Sep. 2023 – Dec. 2023 <i>Daejeon, South Korea</i>
- Wrote HLSL shader coding assignment on ray tracing - Implemented motion matching [Büttner and Clavet et al. 2015] framework for final project	
Undergraduate Research Intern <i>Korea Advanced Institute of Science and Technology (KAIST)</i>	Jan 2020 – March 2020 <i>Daejeon, South Korea</i>
Implemented optical motion capture solving algorithm based on neural network [Holden et al. 2018]	

HONORS

First Place in Ewha Engineering Capstone Design Contest <i>Ewha Womans University</i>	Dec. 2019 <i>Seoul, South Korea</i>
Developed iOS AR application for 3D virtual eyewear try-on	
Women Techmakers Scholarship APAC <i>Google</i>	Aug. 2019
- One of the 75 scholars from 25,000 admissions submitted in Asia Pacific region - Given to students who have impact on diversity, demonstrated technical skills, leadership and academic accomplishments	

TECHNICAL SKILLS

Languages: Python, C++
Frameworks: PyTorch, LibTorch
3D Tools: Unity, Houdini

VOLUNTEER

Team Leader, Student Volunteer <i>SIGGRAPH Asia</i>	2022-2025
Student Volunteer <i>SIGGRAPH</i>	2021-2022