

MINYOUNG KIM

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EDUCATION

George Mason University Ph.D. Student in Computer Science (Advisor: Dr. Lap-Fai (Craig) Yu)	2021 - Current
Ewha Womans University M.S. in Computer Science and Engineering (Advisor: Dr. Young J. Kim)	2019 - 2021
Keimyung University B.E. in Game and Mobile Engineering	2012 - 2017

PUBLICATIONS

Role-Aware Virtual Agents for Navigational Interaction Guided by a Multimodal Large Language Model <i>Minyoung Kim</i> , Changyang Li, Cuong Nguyen, Lap-Fai Yu Under review	[Project] [Paper]
Crafting Dynamic Virtual Activities with Advanced Multimodal Models , Changyang Li, Qingan Yan, <i>Minyoung Kim</i> , Zhan Li, Yi Xu, Lap-Fai Yu, IEEE International Symposium on Mixed and Augmented Reality (ISMAR) 2025	[Paper]
Dragon's Path: Synthesizing User-Centered Flying Creature Animation Paths for Outdoor Augmented Reality Experiences <i>Minyoung Kim</i> , Rawan Alghofaili, Changyang Li, Lap-Fai Yu SIGGRAPH 2024 Conference Papers	[Project] [Paper]
Location-Aware Adaptation of Augmented Reality Narratives Wanwan Li*, Changyang Li*, <i>Minyoung Kim</i> , Haikun Huang, Lap-Fai Yu Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems	[Project] [Paper]
Synthesizing Human Faces using Latent Space Factorization and Local Weights <i>Minyoung Kim</i> , Young J. Kim In 2021 Computer Graphics International Conference (CGI)	[Project] [Paper]
3D Surface Painting in VR using Force Feedback <i>Minyoung Kim</i> , Young J. Kim Journal of the Korea Computer Graphics Society, 2020	[Project] [Paper]

SERVICES

Conference Paper Reviewer	SIGGRAPH 2025
Student Volunteer	SIGGRAPH ASIA 2022 in Daegu

TALKS

Invited Seminar , Hong Kong Metropolitan University (HKMU)	Oct, 2024
Invited Talk , GAMES (Graphics And Mixed Environment Symposium)	Jul, 2024
Demo , ABC News [Video]	May, 2023

AWARDS

Best Paper Award , Korea Computer Graphics Society (KCGS)	2019
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RESEARCH EXPERIENCE

Ewha Womans University

Research Intern (Advisor: Dr. Young J. Kim)
Project - "Haptic Painting in VR"

Seoul, South Korea
Jan 2019 - Feb 2019

Keimyung University

Undergraduate Researcher (Advisor: Dr. Yunsik Sung)
Project - "Cardiopulmonary resuscitation training platform using 3D interactive interface"

Daegu, South Korea
Oct 2015 - Nov 2015

WORK EXPERIENCE

Nova Mobile System

Junior Mobile Programmer Intern - "Nova Mobile App"

Carlsbad, CA, USA
May 2017 - Apr 2018

Qualcomm Institute

Student Intern - "Health-Related IoT Tracking Project"

San Diego, CA, USA
Jan 2016 - Feb 2016

TEACHING

Computer Graphics (CS451), George Mason University
Spring 2024

Fairfax, VA, USA

Low-level Programming (CS262), George Mason University
Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023

Fairfax, VA, USA

Computer Graphics, Ewha Womans University

Seoul, South Korea

JAVA Programming, Keimyung University

Daegu, South Korea