Kwn Yun *PhD Student*

Graphicical Applications of Generative Models.

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kwanyun | Linked in

Education

KAIST — Aug. 2024 – Current.
PhD student at Graduate School of Culture Technology — *Supervisor: Junyong Noh*

KAIST — Aug. 2018 – July. 2024
MS at Graduate School of Culture Technology — *Supervisor: Junyong Noh*
Thesis: Applications of generative AI features

Korea UNIV — Mar. 2021 – July. 2022
BS at Department of Computer Science — *Supervisor: Gerard Kim*

Korea UNIV — Mar. 2015 – July. 2022
BS at Department of Architectural and civil engineering

Work Experience

Visual Media Lab, KAIST — Aug. 2022 – Current
Research Assitant
- Supervisor: Junyong Noh
- Topic: Graphical applications of generative models.

Mingle AI, KAI — Fab. 2024 – May. 2024
Research Intern
- Collaborator: JungEun Yoo
- Topic: Audio driven talking head animation for metaverse platform.

Digital Experience LAB — July. 2021 – July. 2022
Research Intern
- Supervisor: Gerard Kim
- Topic: VR sickness reduction with reverse optical flow generation.

Research

AvatarTalk: Speech Animation for Arbitrary Avatars Using a Video Generation Model — In submission
K Yun, S Yoon*, S Jung, JE Yoo, I Lee, J Noh*

AnyMoLe: Any Character Motion In-betweening Leveraging Video Diffusion Models — CVPR 2025
K Yun, S Hong, C Kim, J Noh

FFaceNeRF: Few-shot Face Editing in Neural Radiance Fields — CVPR 2025
K Yun, C Kim, S Han, J Noh

Representative Feature Extraction During Diffusion Process for Sketch Extraction with One Example — Arxiv 2024
K Yun, Y Kim*, K Seo, CW Seo, J Noh*

Leveraging a Surface Deformation Network for Animatable Stylized Face Generation with One Example — CVPR 2024 (Highlights)
S Yoon, K Yun*, K Seo, S Cha, JE Yoo, J Noh*

Stylized Face Sketch Extraction via Generative Prior with Limited Data — EG 2024, CGF
Kwan Yun, K Seo*, CW Seo*, S Yoon, S Kim, S Ji, A Ashtari, J Noh*

Reducing VR sickness by directing user gaze to motion singularity point/region as effective rest frame — IEEE Access 2023
MH Park, K Yun, G.J. Kim

Difference Optical Flow for Resolving Sensory Mismatch and Reducing VR Sickness while Moving VRW 2022

K Yun, G.J. Kim

Awards

Outstanding Master's Thesis Award Korea Computer Graphics Society

Academic Service

Conference Reviewer ISMAR 2024, ICLR 2025, CASA 2025, ICCV 2025

Invited Talk Konyang UNIV.March 2025 - Applications of Generative models in Computer Graphics and Computer Vision