KWANGGYOON SEO

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seokg.github.io

EDUCATION

KAIST, Republic of Korea - supervised by Junyong Noh *Sep 2018 - Present*
Ph.D. in Graduate School of Culture Technology
Research Interests : Deep Learning, Computer Graphics, Computer Vision

KAIST, Republic of Korea - supervised by Junyong Noh *Sep 2016 - Aug 2018*
M.S. in Graduate School of Culture Technology
Thesis: Interactive Shadow Removal using a cGAN

KAIST, Republic of Korea *Sep 2011 - Aug 2016*
B.E. in Electrical Engineering and minor in Culture Technology

WORK EXPERIENCE

KAIST, Visual Media Lab *Jan 2017 - Present*
Research Assistant - research on video and face related projects

Adobe Research *Jun 2022 - Aug 2022*
Research Intern - research on GAN-based image editing

Adobe Research *Mar 2021 - Jun 2021*
Research Intern - research on GAN-based video portrait video editing

Clova Voice&Avatar, Naver Corp. *Dec 2019 - Jun 2020*
Research Intern - research on light-weight video inpainting model

PUBLICATIONS

StylePortraitVideo: Editing Portrait Videos with Expression Optimization *Oct 2022*
Pacific Graphics 2022; Computer Graphics Forum
Kwanggyoon Seo, Seoung Wug Oh, Jingwan Lu, Joon-Young Lee, Seonghyeon Kim, Junyong Noh

Deep Learning-Based Unsupervised Human Facial Retargeting *Oct 2021*
Pacific Graphics 2021; Computer Graphics Forum
Seonghyun Kim, Sunjin Jung, Kwanggyoon Seo, Roger Blanco i Ribera, Junyong Noh

Virtual Camera Layout Generation using a Reference Video *May 2021*
CHI 2021
Jungeun Yoo*, Kwanggyoon Seo*, Sanghun Park, Jaedong Kim, Dawon Lee, Junyong Noh

Neural Crossbreed: Neural Based Image Metamorphosis *Nov 2020*
SIGGRAPH Asia 2020; Transactions on Graphics
Sanghun Park, Kwanggyoon Seo, Junyong Noh

$*$ denotes equal contribution.
full publication list can be found in the google scholar.

MENTORING MASTER/UNDERGRAD THESIS

Style-based Cinemagraph Generation Srping, 2022
Jongwoo Choi

An Internal Approach for Cinemagraph Generation Fall, 2021
Hayoung Chang

Indoor and Outdoor Light Estimation Srping, 2021
Jiwon Lee

PUBLIC SERVICE

Reviewer: ECCV 2022, CGF 2021, CGI 2020/2021/2022