

GEON-UNG KIM

Seoul, Republic of Korea | +82-10-7506-5715
k2woong92@postech.ac.kr | github.com/kimgeonung
www.linkedin.com/in/kimgeonung

EDUCATION

POSTECH, Pohang, South Korea Mar. 2021 - Present

- PH.D. Student in Artificial Intelligence
- Research in Computer Graphics Lab.

Hongik University, Seoul, South Korea Mar. 2011 - Feb. 2019

- Bachelor in Architecture [B.Arch]
 - Bachelor of Science in Computer Engineering (Double Major)
 - Overall GPA : 3.92 / 4.50 (95 / 100)
-

EXPERIENCE

Spacewalk Seoul, Republic of Korea

Software Engineer Jul. 2018 – May. 2020

- Designed and developed automatic architectural design software for small sized houses using .NetFramework
- Developed and implemented plugins of Rhino3d and Grasshopper software for architects related to Spacewalk
- Created and Managed automatically analyzed building datas with site information in each parcels at Seoul
- Developed and implemented geometry algorithm library related to Projects within Spacewalk

Environmental Scape Architects Seoul, Republic of Korea

Junior Architect - Intern Jul. 2017 – Aug. 2017

- Participated in all phases of concept development, design and documentation on the International Competition for “World Writing National Museum” in Songdo.

Hyunjoon Yoo Architects Seoul, Republic of Korea

Junior Architect - Intern Jul. 2015 – Aug. 2015

- Assisted senior architect on ‘ZOOZOO’ floor planning and exterior design.

Republic of Korea Air Force Seoul, Republic of Korea

Sergeant as Engineer Jun. 2012 – Jun. 2014

- Produced CAD drawings for construction of facilities in military base
- Managed the maintenance of the buildings inside the military base

RESEARCH PARTICIPATIONS

Samsung Electronics Mobile Division

June. 2021 – May. 2022

Context-Aware Image Restoration Using Generative Adversarial Networks

LECTURE

Coding for Architecture

Jan. 2020 – Sep. 2020

- Rhinoceros 3D python scripting for work-process automation
 - Implementation to basic geometry algorithms
-

PUBLICATIONS

360 Reconstruction From a Single Image Using Space Carved Outpainting

- Nuri Ryu, Minsu Gong, **Geonung Kim**, Joo-Haeng Lee, Sunghyun Cho
- Accepted to SIGGRAPH-Asia Conference, 2023

BigColor: Colorization using a Generative Color Prior for Natural Images

- **Geonung Kim**, Kyoungkook Kang, Seongtae Kim, Hwayoon Lee, Sehoon Kim, Jonghyun Kim, Seung-Hwan Baek, Sunghyun Cho
- Accepted to European Conference on Computer Vision (ECCV), 2022

Realistic Blur Synthesis for Learning Image Deblurring

- Jaesung Rim, **Geonung Kim**, Jungeon Kim, Junyong Lee, Seungyong Lee, Sunghyun Cho
- Accepted to European Conference on Computer Vision (ECCV), 2022

DynaGAN: Dynamic Few-shot Adaptation of GANs to Multiple Domains

- Seongtae Kim, Kyoungkook Kang, **Geonung Kim**, Seung-Hwan Baek, Sunghyun Cho
- Accepted to SIGGRAPH-Asia Conference, 2022

Dr.3D: Adapting 3D GANs to Artistic Drawings

- Wonjoon Jin, Nuri Ryu, **Geonung Kim**, Seung-Hwan Baek, Sunghyun Cho
- Accepted to SIGGRAPH-Asia Conference, 2022