GEON-UNG KIM

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EDUCATION

POSTECH, Pohang, South Korea   Mar. 2021 - Present

- Master 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

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RESEARCH PARTICIPATIONS

Samsung Electronics Mobile Division   June. 2021 – May. 2022

Context-Aware Image Restoration Using Generative Adversarial Networks

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LECTURE

Coding for Architecture   Jan. 2020 – Sep. 2020

- Rhinoceros 3D python scripting for work-process automation

- Implementation to basic geometry algorithms

PUBLICATIONS

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