

# KYUNGHUN KIM

## Machine Learning Engineer / AI Research

✉ godroma4885@gmail.com  
☎ +82 1065525622

✉ Address: Dongjak-gu Seong-daero

📍 Seoul, Korea

🌐 <https://github.com/GODGANG4885>

## PUBLICATION

### Painting Outside as Inside: Edge Guided Image Outpainting via Bidirectional Rearrangement with Progressive Step Learning

WACV 2021

Kyunghun Kim, Y.hun Yun, K.Woo Kang, K.bo Kong, S.yeong Lee, Suk-Ju Kang

- Accept to Proceedings of the IEEE/CVF Winter Conference on Applications of Computer Vision (WACV2021), 2122-2130

### Selective Focusing Learning in Conditional GANs

NeurIPS 2021

K.bo Kong\*, Kyunghun Kim\*, Woo-Jin Song, Suk-Ju Kang

- \*Equal contribution
- Submit to Neural Information Processing Systems (NeurIPS2021)

### A Review on Deep Learning-based Image Outpainting

Journal of Broadcast Engineering

Kyunghun Kim\*, K.bo Kong, Suk-Ju Kang

- Accept to Journal of Broadcast Engineering 26 (1), 61-69

## EXPERIENCE

### Research Intern - Camera and LiDAR Calibration

Autonomous Driving System Research Group

📅 Jan 2019 – Feb 2019

📍 Daejeon, ETRI

- Research in camera with LiDAR calibration and 3D object detection.

### Project Researcher - Smart Load-light Platform

The Ministry of the Interior and Safety

📅 Aug 2019 – Jun 2021

📍 Seoul, Sogang Univ

- Research in Multi-Object Tracking(MOT) & Re-ID
- Developed best First to File (FTF) portfolio for generic injectables R&D.

### Project Intern - AI

NAVER

📅 Jul 2020 – Aug 2020

📍 Seong-Nam, NAVER

- Research on Spam mail classification, Shopping review image classification, Music station classification

### Teaching Assistant - with Prof. Suk-ju Kang

📅 Sep 2019 – Jun 2021

📍 Seoul, Sogang Univ

- EEE1002-4 : C language basics
- EEE6473-01: Application of the latest deep learning technology
- GITA303-01: Mathematics for Artificial Intelligence

## ACTIVITIES



#### Volunteering club

Mar, 2012 ~ Dec, 2013



#### Reading Book club

Mar, 2017 ~ Dec, 2017



#### Finance club

March, 2018 ~ August, 2019



#### Futsal club

August, 2019 ~

## AWARD & SCHOLARSHIP



#### Multiple Awards

2020, NAVER AI RUSH CHALLENGE, NAVER



#### The grand prize

2017, Yonsei learning group contest, Yonsei Univ



#### Academic Excellence Scholarship

Yonsei Univ, 2017



#### The Next Generation of Research

University Innovation, 2020



#### Research Assistantship

Sogang Univ, 2020



#### Teaching Assistantship

Sogang Univ, 2021

## QUALIFICATIONS

OCJP

TOEIC 840

Korean History Proficiency Test 1st grade

Industrial Engineer Information Processing

## LANGUAGES & SKILLS

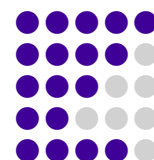
Python & PyTorch

Tensorflow

C/C++

JAVA

Linux & Ubuntu



## EDUCATION

### Master of Electrical Engineering

Sogang University, Seoul

📅 2019 – 2021

### Bachelor of Computer Engineering

Yonsei University, Wonju

📅 2012 – 2019

## PRESENTATION

---

Workshop in 38th International Conference on Machine Learning (ICML)

**Oral Presentation**

Jul 2021

The IEEE/CVF Winter Conference on Applications of Computer Vision (WACV)

**Oral Presentation**

Jan 2020

The Korean Institute of Broadcast and Media Engineers Academic Conference

**Oral Presentation**

Dec 2019