SEUNGHWAN KIM

me@overnap.com Seoul, Korea

EDUCATION

Kyung Hee University, Korea

March 2020 - Present

Undergraduate Student

Major in Computer Science & Engineering

Cumulative GPA: 4.15 / 4.3

INTERESTS

- · Generative Modeling
- · Adversarial Attack & Defense
- · Competitive Programming

EXPERIENCE

Research Intern

August 2022 - Present

Kyung Hee Universitty, Korea

Perception & Computer Vision Lab (PerCV)

Problem Setter

2023 shake! Collegiate Programming Contest in Gyeongin

October 2023 - January 2024

PUBLICATIONS

- · "Beta-Sigma VAE: Separating beta and decoder variance in Gaussian variational autoencoder." **Seunghwan Kim**, and Seungkyu Lee. (ICPR 2024)
- · "Neural Clustering for Prefractured Mesh Generation in Real-time Object Destruction." **Seunghwan Kim**, Sunha Park, and Seungkyu Lee. (SIGGRAPH Asia 2024)

AWARDS AND HONORS

Hyundai Mobis Algorithm Contest

· Fourth Prize 2023

International Collegiate Programming Contest

· 23rd
· 41st
Seoul Regional 2022
Seoul Regional 2021

shake! Collegiate Programming Contest in Gyeongin

· Second Prize 2021

Kyung Hee University Programming Contest

First Prize
First Prize
First Prize
First Prize
Second Prize
Spring 2022
Fall 2021
Spring 2021

· Second Prize Fall 2020

Scholarships

 \cdot Kyung Hee University Full Scholarship

2020 - Present

TECHNICAL STRENGTHS

Computer Languages Libraries Python, Typescript, C++

PyTorch, React.js