

Woo Hyun Song

Senior Undergraduate Student
Electronics and Electrical Engineering

Dankook University

152, Jukjeon-ro, Suji-gu, Yongin-si, Gyeonggi-do, Republic of Korea

PERSONAL DATA

- Born 14 March 2000 in Pyeongtaek-si, Gyeonggi-do
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EDUCATION

Mar.2019 ~	Dankook University	Gyeonggi-do
Feb.2025	Major: Electronics and Electrical Engineering	Yongin-si
(expected)	GPA : 3.85 / 4.5, Major GPA : 3.94 / 4.5 (Credits taken: 122/130)	

RESEARCH INTEREST

- Artificial Intelligence
- Deep Learning
- Computer/Memory Architecture
- Computer Vision
- Electronic Circuit

Related Courses

- Autonomous driving mobility image processing
- Automatic control systems
- Computer Architecture
- Digital Logic Circuit
- Electronic circuit

PROJECT

Mar.2024 ~	Capstone Design Project
Present	- Role : Data Acquisition, Data Labeling, Object Detection Model Training - A project that detects harmful animals(Object Detection) in the wild, such as wild boars and water deers, using depth cameras and deep learning, and restores parts of the animals(Inpainting) that are obscured by obstacles.

Jun.2024 ~	OUTTA AI Lab Project
Aug.2024	- Role : Segmentation model Fine-tuning, Prompt Tuning

- A project that uses DeepFashion dataset, Gemini API, Stable Diffusion pipeline, and Segmentation model to find clothing parts in images(Segmentation) and then generates modified images by replacing them with new designs or colors(Inpainting) based on input text.

Awards

- **Paper Award**
Comparative analysis of augmentation techniques for deep learning-based object detection - KIIT

SCHOLARSHIP

Aug.2024	Academic Excellence Scholarship
Aug.2022	Special Academic Scholarship
Feb.2019	Admission Excellence Scholarship

QUALIFICATIONS

31 Mar.2016	TOEIC: 815
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