

Jungwoo Kim

<https://kjungwoo03.github.io/>

Github: <https://github.com/kjungwoo03>

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RESEARCH INTEREST

My primary research goal is to understand how deep learning models work and to utilize them in various research areas, especially in computer vision. My primary research interest just lies in various topics about machine learning and computer vision, covering my goal.

EDUCATION

- **Yonsei University**

M.S./Ph.D student in School of Integrated Technology

Seoul, Republic of Korea

Mar. 2025 – Present

- **Yonsei University***

B.S. in School of Integrated Technology (GPA: 3.95/4.30)

Seoul, Republic of Korea

Mar. 2022 – Feb. 2025

PUBLICATIONS

- [C2] Exploring Cross-Stage Adversarial Transferability in Class-Incremental Continual Learning [\[Paper\]](#)

Jungwoo Kim, Jong-Seok Lee, *The 27th IEEE International Workshop on Multimedia Signal Processing*

- [C1] HAE-RAE Bench: Evaluation of Korean Knowledge in Language Models [\[Paper\]](#)

Gyujin Son, Hanwool Lee, Suwan Kim, Huiseo Kim, Jaecheol Lee, Je Won Yeom, Jihyu Jung, Jungwoo Kim, Songseong Kim, *Proceedings of the 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation*

* One year early graduation.

RESEARCH EXPERIENCES

- **Multimedia Computing and Machine Learning Group, Yonsei University**

M.S./Ph.D Student (Advisor: Jong-Seok Lee)

Seoul, South Korea

Jan. 2025 - Current

- **Multimedia Computing and Machine Learning Group, Yonsei University**

Undergraduate Intern (Advisor: Jong-Seok Lee)

Seoul, South Korea

Dec. 2023 - Dec. 2024

- Topic: Adversarial Robustness under Class-Incremental Continual Learning

- **Intelligent Unmanned Systems Lab., Yonsei University**

Undergraduate Intern (Advisor: Jiwon Seo)

Seoul, South Korea

Sep. 2022 - Jun. 2023

- Topic: Reinforcement Learning-based GPS Error Correction

- **Medical Imaging Systems Lab, Yonsei University**

Undergraduate Intern (Advisor: Jongduk Baek)

Seoul, South Korea

Jul. 2022 - Aug. 2022

- Topic: Medical Image Super Resolution via U-Net Architecture

TEAM PROJECTS

- **Monocular Dog Body Length Estimation****

Topic: Advancing 3D dog body length estimation via depth estimation model

Sep. 2024 – Dec. 2024

- Role: Leading Researcher

- Partner: PetNow, Yonsei Data Science Lab (*advised by Prof. Taeyoung Park*)

- **Audio Sentiment Classification****

Topic: Enhancing real world emotional classification based on Frequency Decomposition

May. 2024 – Jul. 2024

- Role: Co-Leading Researcher

- Partner: WeSomE

- **InferPrompt: Pharaphrasing Text Prompt via Prompt Inversion****

Topic: Enhancing image-text alignment via text style transfer from prompt inversion

Feb. 2024 – May. 2024

- Role: Leading Researcher

** Projects that serve as a leading researcher.

PROGRAMMING SKILLS

- **Languages** - Python (Expert), C (Advanced), C++ (Intermediate)
- **Frameworks:** React (Beginner)
- **Others:** Matlab (Intermediate)

HONORS AND AWARDS

- **Certification, 4th LG Aimers/Data Intelligence**
Topic: Developing a B2B sales opportunity prediction model based on MQL data. Feb. 2024
- **Excellence Award, 2023 Yonsei Medical Convergence Challenge**
Topic: Developing ResNet-based lightweight network on wearable device for diagnosing. Jan. 2023

EXTRACURRICULAR ACTIVITIES

- **Yonsei Data Science Lab**
11th Regular Member, Head of Academic Team Dec. 2023 - Dec. 2024
- **ElutherAI**
Project Member Sep. 2023 - Nov. 2023
- **Yonsei Computer Club**
Regular Member Sep. 2022 - Aug. 2025
- **Yonsei Engineering Student Council**
Executive Member Apr. 2022 - Nov. 2023