

Chaemin Hwang

<https://Chaemin-Hwang.github.io>

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SUMMARY

I am an undergraduate student at Yonsei University.

My research field of interest is Computer Vision (CV).

Currently, I am interested in Generative models and Explainable AI.

My goal is to bridge the research gap between improving AI performance and practical reasoning processes.

EDUCATION

- **Yonsei University** Seoul, South Korea
B.S. in School of Sociology with a Minor in Applied Statistics (GPA: 3.94/4.30) *Mar. 2021 – Feb. 2026 (Expected)*

RESEARCH EXPERIENCES

- **Social Networks & Neuroscience Lab, Yonsei University** Seoul, South Korea
Undergraduate Research Assistant (Advisor: Yoosik Youm) *Jan. 2023 - Jul. 2023*

TEAM PROJECTS

- **Monocular Image based Dog Size Prediction**
Improving dog body height prediction performance using depth estimation models. *Sep. 2024 – Dec. 2024*
- **Memorial Pet Contents Generation**
Memorial pet content generation using Stable-Diffusion ControlNet and LLaMA with LoRA. *Feb. 2024 – Mar. 2024*
- **Emotion Classification using Speech Data**
Enhancing emotion classification performance through Audio Spectrogram Transformer. *May. 2024 – Jun. 2024*
- **Sentiment Analysis using Restaurant Review**
Developing a sentiment analysis system for restaurant reviews based on ELECTRA. *Feb. 2024 – May. 2024*
- **Performance Review Archiving Service**
Implementation of web-based performance review archival system for university club. *Sep. 2023 – Feb. 2024*

HONORS AND AWARDS

- **Mentoring Scholarship, Lotte Foundation**
Math mentoring volunteering for middle school students at local children's center *Sep. 2022 – Feb. 2025*
- **Certification, 5th LG Aimers/Data Intelligence**
Topic: Developing a product defect detection model based on Process Data *Aug. 2024*
- **CLIO Social Data Science Development Scholarship**
A scholarship given to motivate and encourage learning in the field of social data science. *May. 2023*

EXTRACURRICULAR ACTIVITIES

- **Yonsei Data Science Lab**
11th Member (Jun. 2024 - Dec. 2024) *Dec. 2023 - Dec. 2024*