

Chaemin Hwang

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RESEARCH INTEREST

My research goal is to leverage artificial intelligence to address real-world social challenges.

I'm also interested in personalization, particularly in developing eXplainable AI systems that can earn public trust and ensure transparency in decision-making.

EDUCATION

- Yonsei University**

Seoul, South Korea

B.S. in School of Sociology with a Minor in Applied Statistics (GPA: 3.89/4.30)

Mar. 2021 – Feb. 2026 (Expected)

RESEARCH EXPERIENCES

- Edge AI Lab, Yonsei University**

Seoul, South Korea

Undergraduate Research Assistant (Advisor: Dongjun Han)

Aug. 2025 - Nov. 2025

- Social Networks & Neuroscience Lab, Yonsei University**

Seoul, South Korea

Undergraduate Research Assistant (Advisor: Yoosik Youm)

Jan. 2023 - Jul. 2023

TEAM PROJECTS

- Photorealistic Image Generation with Diffusion Models**

AI-generated image detection via background analysis and aligning diffusion models

Mar. 2025 – Oct. 2025

- 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

Dec. 2023 - Dec. 2024

SKILLS AND TECHNIQUES

- TEPS - 333**