

MINGYU KIM

✉ kimmin01@yonsei.ac.kr 📍 Kimmin-01
Undergraduate Student @ Yonsei University

EDUCATION

Yonsei University, Korea

B.S. in the Department of Applied Statistics

Mar. 2020 – Present

- GPA: 4.24/4.3 (Overall), 4.27/4.3 (Major)

RESEARCH INTERESTS

LLM Reasoning & Assessment

Statistical Inference & Reasoning of LLMs

Multimodal Learning

Large-Scale Model Pretraining & Efficient Transfer Learning

Domain Generalization

Invariant Representation Learning, Causal Inference

EXPERIENCE

Undergraduate Research Assistant - Advisor: Kyungwoo Song

Jul. 2024 – Sep. 2024

Machine Learning and Artificial Intelligence Lab, Dept. of Statistics and Data Science, Yonsei Univ.

- Paper Reviewed about LLM Reasoning, Causal Inference, and Sharpness Aware Minimization

TEACHING ASSISTANT

Deep Learning (STA3140) - Professor : Jaewoo Park

Student Tutor, Yonsei University

Mar. 2024 – Jul. 2024

SW Programming (YCS1002) - Professor : Jaekyung Kim

Course Tutor, Yonsei University

Sep. 2021 – Dec. 2021

AWARDS & SCHOLARSHIPS

Guwon Scholarship

Awarded 2 out of 300+ department students, Living expenses support

Mar. 2024 - Present

Mar. 2022 – Aug. 2022

Academic Award, Yonsei University

Top 3% out of 120+ students

PROJECT

Missing Children Aging Prediction via FADING & GOAE

DSL Modeling Project [\[Code\]](#) [\[Video\]](#)

Aug. 2024 - Sep. 2024

Face Mosaic using Mask R-CNN

YAI Toy Project [\[Code\]](#)

Jul. 2024 - Aug. 2024

Foundation Proposal for Midnight Bus Route in Seoul

DSL EDA Project [\[Video\]](#)

Jul. 2024 - Aug. 2024

Solving Trolley Problem via Reinforcement Learning

STA3145 Course Project

May. 2024 - Jun. 2024

Derivation of Dangerous Areas for Children Car Accident in Osan City

funded by COMPAS and Osan City, Korea

Dec. 2020 – Jan. 2021

EXTRACURRICULAR ACTIVITIES

Yonsei Data Science Lab

12th Member, Head of Academic Team

Jul. 2024 – Present

- Data Science Sessions, Paper Reading, and EDA / Modling / Industrial Project

Yonsei Artificial Intelligence

14th Member for Advanced CV, DGM paper Team

Jul. 2024 – Present

- Paper Reading and YAICON (AI Project Hackathon)

CERTIFICATIONS

Advanced Data Analytics Semi-Professional (ADsP)

Aug. 2021

SKILLS

Computer Languages

R (Expert), Python and DL Libraries (Expert), Java (Intermediate)

Languages

Korean (Native), English (Fluent)

Hobbies

Watching Baseball, Listening Music

ADDITIONAL INFORMATION

Military Service

Served and Discharged as Sergeant

Aug. 2022 – Feb. 2024