KIHWAN LEE 이기환

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EDUCATION

Bachelor's Degree

Soongsil University, Seoul, South Korea (2018.03 – 2023.08)
- Major in Mathematics
- Major in Economics (Double major)

KT Boot camp

KT-aivle AI track (2023.01 – 2023.05)

Master's Degree

Korea University, Seoul, South Korea (2023.09 – Present)   **Expected Graduation Date:** February 2025

- Major in Mathematics
- DL Math Lab (오승상 교수님)

RESEARCH EXPERIENCE

Soongsil University Science Research Institute (기초과학융합연구소)

Winter Internship (2022.12 – 2023.02)
- Analyzing pre- and post-COVID-19 economic consumption trends And Create of predictive models (machine learning, deep learning) for the food industry / subsequent implications

Korea University (DL Math Lab)

Deep Image Stitching (2023.10 – Present)
- Making a deep learning models that use Affine matrix and Homography matrix to combine multiple overlapping images into a panorama

Predicting stock prices (2023.10 – Present)
- Making a deep learning model for stock price prediction using technical indicators(using wavelet denoising)

Counting cars by type using Object tracking model (2024.02 – Present)
- Making an object tracking model for counting cars by type using YOLO & deepSORT

Naver Modulabs – Deep Computer Vision Lab

Create public advertisements by regenerating various images using diffusion model (2023.10 – 2024.01)
- Exhibition : 2023.11.23 ~ 25
- Support : 예술경영지원센터, 아트코리아랩, 모두의연구소

ACTIVITIES

Volunteer Service

영등포구자원봉사센터 (2019.12)
- '볼런투어' 발달장애 아동의 자립심 구축 봉사

새일아카데미 (2021.08 – 2021.10)

- 탈북 청소년 지도 봉사

한국시각장애인가족협회 (2023.03 – 2023.12)
- 자폐, 시각장애 학우 스스로 생각하고 표출하는 힘 길러주기

노원구청 어르신복지과 (2024.03 – Present)
- 어르신 한글문해 봉사 및 스마트폰 수업 봉사

CONTEST

Public Procurement Service (한국 조달청)

Public Procurement Big Data Contest (2021.12 – 2022.02)
- Analyzing changes in procurement due to the COVID-19 Untact society

KB

KB Pay Idea Contest (2022.05 – 2022.06)
- Financial Partner 'KB Land'

Korean National Police University

Community Safety Data Analytics Competition (2023.01 – 2023.02)
- Create a voice phishing prediction model

Ministry of Employment and Labor

K-digital training HACKATHON (2023.04 – 2023.05)
- Create Violence, Fall Detection AI Model(ConvLSTM) for Disability welfare center

AWARDS

Soongsil University Science Research Institute (기초과학융합연구소)

Submission of Excellence Report (2023.03)

CERTIFICATION

KT_AICE_Asscociate (2022.11)

Big-Data Analysis Engineer (빅데이터분석기사) (2022.12)

OTHERS

Military Service (6사단 2연대 수색중대 GP) (2019.07 – 2021.02)