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Projects Overview Blog

https://github.com/hyunku

Education & Career

Mar. 2018 ~ Feb. 2024	Kangnam University Department of Industrial Data Science GPA : 3.79 / 4.5	B.S
Feb. 2023 ~ Dec. 2023	Korea University Brain Lab https://brainlabku.github.io/	Intern
Jan. 2022 ~ Aug. 2022	4N Corp. Cloud Engineer https://www.4nbrain.com/	Intern
Mar. 2021 ~ Dec. 2022	Kangnam & Pukyeong University Brain-XAI Lab https://sites.google.com/view/brainxai	Intern

Research Interests

- Data Science
- Machine Learning
- Deep Learning
- Signal Preprocessing
- Timeseries Forecasting
- Computer Vision

Projects Experience

- Drowsiness Detection, Korea University, Oct. 2023 ~ Dec. 2023
- Ship Berthing Time Regression, HD Hyundai AI Challenge, Sep. 2023 ~ Oct. 2023
- CT-Disease Detection, Korea University, Sep. 2023 ~ Dec. 2023
- Sleep Stage Classification, Korea University, May. 2023 ~ Dec. 2023
- OpenCV Study, Kangnam University, Mar. 2023 ~ Jul. 2023
- Motion Imaginary Classification, Korea University, Feb. 2023 ~ Apr. 2023
- Reservoir Computing Algorithm Research using EEG, Pukyeong University, Dec. 2022 ~ Jan. 2023
- Object Detection using Custom Dataset and Ultratics YOLO v3, Oct. 2022 ~ Nov. 2022
- Smart Home System, Korea Society of Management Information System, Oct. 2022 ~ Nov. 2022
- Optimal Location Selection for Independence of Youth Preparing for Self-Reliance, 2022 Big Contest, Aug. 2022 ~ Sep. 2022
- Animal Image Classification, Kangnam University, May. 2022 ~ Jun. 2022
- Smart Glass for Construction Site, Hanium ICT Mentoring, Mar. 2022 ~ Nov. 2022
- Brain-Machine-Interface System, Kangnam & Pukyeong University, Mar. 2022 ~ Sep. 2022
- AWS Serverless Architecture, 4N Corp., Jan. 2022 ~ Aug. 2022
- Recommend System for Class, Academic Festival at Kangnam University, Nov. 2021 ~ Dec. 2021
- Stoke Price Prediction using Financial Data analysis, Kangnam University, Sep. 2021 ~ Feb. 2022
- EEG Regression, Academic Festival at Kangnam University, Oct. 2020 ~ Nov. 2020
- Dam Rainfall Prediction, 2020 Big Contest, Aug. 2020 ~ Sep. 2020

Activities

- Lab Member of Brain Lab, Korea University, Feb. 2023 ~ Dec. 2023
- AI Seminar, Kangnam University, May. 2023 ~ Jul. 2023
- Team Leader of Hanium ICT Mentoring 2022, Hanium ICT Mentoring, Mar. 2022 ~ Nov. 2022
- Cloud Engineer Intern, 4N Corp., Jan. 2022 ~ Aug. 2022
- Lab Member of Brain-XAI Lab, Kangnam & Pukyeong University, Mar. 2021 ~ Dec. 2022
- Club Leader of AI Club, Kangnam University Club "Data Club", Mar. 2021 ~ Dec. 2021

Awards

- 3rd place, Ship Berthing Time Regression, HD Hyundai AI Challenge, Sep. 2023 ~ Oct. 2023
- 2nd place, Smart Home System, Korea Society of Management Information System, Oct. 2022 ~ Nov. 2022
- 2nd place, Optimal Location Selection for Independence of Youth Preparing for Self-Reliance, Academic Festival at Kangnam University, Aug. 2022 ~ Sep. 2022
- Best Paper Award, Smart Glass for Construction Site, Korea Information Processing Society, Mar. 2022 ~ Nov. 2022
- Encouragement Award, Smart Glass for Construction Site, Hanium ICT Mentoring, Mar. 2022 ~ Nov. 2022
- 2nd place, EEG Regression, Academic Festival at Kangnam University, Oct. 2020 ~ Nov. 2020
- 1st place, Recommend System for Class, Academic Festival at Kangnam University, Nov. 2021 ~ Dec. 2021

Certificates

- LG Aimers 3th term, LG AI Research, Jul. 2023 ~ Sep. 2023
- Data Analysis Associate Professional(ADsP), KData, Mar. 2022
- OPIC, IM1, Dec. 2023