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| Research | • Mathematical biology & Mathematical modeling |
| Interesting | • Statistical analysis |
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| Education | Kyungpook National University
M.S in Statistics (Mar.2024 ~)
B.S in Mathematics (Mar.2020 ~ Feb.2024)
Double Major in Statistics
GPA : 3.9 / 4.3 |
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| Experience | Mathematical & Statistical Modeling Lab (Mar.2024 ~)
Advisor : Hyojung Lee <ul style="list-style-type: none">• Impact Analysis and Forecasting of Chickenpox in Relation to COVID-19 (Mar.2024 ~)<ul style="list-style-type: none">- Customization of Parameters in Mathematical Models and Forecasting by Age Group• Examination of COVID19 Death Data in Daegu & Gyeongbuk (Mar.2024 ~)<ul style="list-style-type: none">- Visualization of Data and Estimation of Excess Deaths
Data Analytics LAB (Mar.2022 ~ Dec.2022)
Advisor : Hayoung Choi <ul style="list-style-type: none">• Blood Pressure estimation with PPG Project (Jul.2022 ~ Aug.2022)<ul style="list-style-type: none">- Train and Evaluate Deep Learning Model (PP-Net : CNN + LSTM)
BART (Bigdata and AI Research Team) (Jul.2020 ~ Aug.2023)
President (Aug.2022 ~ Aug.2023) <ul style="list-style-type: none">• Group Studies for Machine Learning and Deep Learning• Conduct Regular Seminar |
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| Honors and Awards | <ul style="list-style-type: none">• The Global Challenger Scholarship, KNU (Mar.2020 ~ Feb.2024)• The Future Mathematician Scholarship, Math Dept. at KNU (Jan.2021)• Top Award, KNU College of Natural Sciences Fall Semester Research Internship (Jan.2022)<ul style="list-style-type: none">- Subject : Tailored Transfer Learning in Medical Image Classification• Excellence Award, CJ Fall Semester Remote Internship Program (Nov.2022)• Excellence Award, K-IUM Medical Artificial Intelligent Contest (Aug.2023)<ul style="list-style-type: none">- Subject : Classify Brain Aneurysm Images |
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| Technical Skills | Languages Python, R, MATLAB
Frameworks NumPy, Pandas, PyTorch |
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