

KIM KYUNG HEE

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EDUCATION

M.A. Feb. 2021-Present, *Statistics*, SungKyunKwan University, GPA: 4.17/4.5

B.S. Mar. 2016-Feb. 2021, *Statistics*, GPA: 4.01/4.5 (94.1/100), *Magna Cum Laude*

Major in Statistics, GPA: 3.97/4.5 Minor in Computer Science, GPA: 4.3/4.5, Duksung Women's University

RELEVANT COURSES

Regression Analysis, Mathematical Statistics, 2018.

Multivariate Analysis, Time series Analysis, Survival Analysis, Social Science Analysis, 2020.

Bayesian Statistics, Advanced Regression Analysis, Advanced Mathematical Statistics, 2021.

PROJECTS

Undergraduate, Jun. 2020(Written for a university degree).

Research Topic: Analysis of Monthly Passport Issues in Korea with Seasonal ARIMA Model

- Considered a seasonal ARIMA model to predict the amount of passport issues in the future.

Dec. 2021-Present.

Research Topic: Outlier detection for long memory processes in multivariate case.

- Apply VHAR model to outlier detection procedure for Long range dependence time series.

Jan. 2022.(응용통계연구소)

Research Topic: Time series outlier detection and DTW clustering of the inflow and departure of Seoul Citizen Card users.

- Find clusters according to user types and analyzed based on different outliers results at the time of the event.

HONORS AND AWARDS

Excellence Award in Smart life ICT Convergence Idea APP Contest

Hosted by Seoul(서울시), Seoul Business Agency(서울산업진흥원), May 30, 2017.

Suggestions for ideas and applications related to shared spaces of universities.

Participation Award in College of Science and Technology Academic Conference

Hosted by Duksung Women's University, Nov. 26, 2020.

Suggestions for movie box office success factors.

A gold prize in Creative Idea Contest in IT/Design Division

Hosted by Duksung Women's University, Nov. 27, 2020.

Suggestions to reduce resource consumption.

To graduate Magna Cum Laude (Cumulative GPA: 4.01/4.5)

Dean's List on 1st semester of 2018 and 2020 with GPA 4.5/4.5.

Top award in the Weather Big Data Contest. (Predict the occurrence of landslides).

Hosted by Korea Forest Service(산림청) 환경부 장관상, Aug. 25, 2021.

Predicting landslides in Gyeongsang Province.

ACHIEVEMENTS

Certificate of ADsP (Advanced Data Analytics Semi-Professional)

National certification, Dec. 27, 2017.

EXTRA - EXPERIENCES

Sep. 2018- Dec.2018. Tutor of Statistical Programming, R.

Feb. 2021-Present. Joined a 성균관대학교 응용통계연구소, Sungkyunkwan University (SKKU).

Jul.2021. Tutor of Statistical Programming summer lecture held by research institutes, R.

Jul. 2021. Joined a Time Series lab, Changryong Baek professor.