

Youji Sung

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Education

Korea University

MASTER OF ECONOMICS

Seoul, S.Korea

Mar. 2022 - Present

Korea University

BACHELOR OF ECONOMICS & FINANCIAL ENGINEERING

GPA: 3.96

Seoul, S.Korea

Mar. 2018 - Feb. 2022

Hanyoung Foreign Language High school

MAJOR IN CHINESE

Seoul, S.Korea

Mar. 2015 - Feb. 2018

Relevant Coursework

Econometrics, Game Theory, Empirical Microeconomics, Seminar on Money & Banking, Economic Growth and Business Cycles, Corporate Finance, Calculus, Linear Algebra, Real Analysis, Mathematical Statistics, Statistical Computer Software, Computer Language

Experience

Sejong City Real-Estate Market Analyzing Competition: The First Prize

ANALYZING SEJONG CITY REAL-ESTATE MARKET DATA FOR KOREA LAND AND HOUSING CORPORATION

LH COMPAS, Seongnam

Feb. 2021 - Apr. 2021

- Analyzed and visualized the real-estate trading, population, news article data of Sejong City with Python.
- Implemented models such as LDA, HDBSCAN Clustering, Linear Regression on the data to find insights.
- Organized the characteristics of Sejong and made a presentation about our analysis.

Hankyung Academic Competition: The Second Prize

ANALYSIS OF PENT-UP DEMAND AFTER COVID-19

Hankyung, Seoul

May. 2020 - Dec. 2021

- Designed the Pent-up estimation model for our hypothesis test.
- Analyzed the macroeconomics data with Machine Learning models through Python and MATLAB.

Financial Engineering Research Competition: The First Prize

OPTION VALUE CALCULATING AND VISUALIZING PACKAGE FOR PYTHON

Korea University, Seoul

Jan. 2021

- Wrote codes to implement option valuation models in Python.
- Made user guides and example codes for the package and uploaded on the GitHub.

NH Investor Profiling Competition: Finalist

ANALYZING TRADING DATA TO PROFILE INVESTMENT BEHAVIOR OF 2,30'S

NH Investment Bank, Seoul

Nov. 2020 - Jan. 2021

- Analyzed and visualized the stock trading data with Python.
- Found insights from the data and made marketing suggestions for NH Investment Bank.

Skills

Programming Python, R, C++, LaTeX, MATLAB, SAS

Data Science Python, Pytorch, R

Languages Korean (Native), English (Fluent), Chinese (Elementary)

Extracurricular Activity

KUBIG (Data Science Society of Korea University)

PRESIDENT

Seoul, S.Korea

Jan. 2020 - Present

- Redesigned the overall structure and curriculum to focus on the academic growth and social progress of the organization.
- Studied about several topics of ML, DL, and AI and done team-based project on such topics.

KUMU (Korea college student Mentor Union)

STAFF

Seoul, S.Korea

Sep. 2019 - Jan. 2021

- Gave a lecture about Economics to the middle school and high school students.
- Planned and managed the multiple events such as mentor training program for the union.