Sihyun An

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Education

Yonsei University
BS/MS Programme in Industrial Engineering, 2021 - Present
BS in Information and Statistics, 2022 (expected)

Research Interests

Real Estate, Economic Geography, Asset Pricing

Publications

Deep neural network as a tool for appraising housing prices: A case study of Busan, South Korea
An, S., Song, Y., Jang, H., Ahn, K.
Journal of Physics: Conference Series (accepted)

Hedonic dataset of the metropolitan housing market: Cases in South Korea
Song, Y., Ahn, K., An, S., Jang, H.
Data in Brief 35, 106877, 2021

Work in Progress

A value creation with AI: Hedonic price model versus Machine learning
Assessing the greenness of urban streets and its associations with housing prices in metropolitan areas

Seminar and Conference Presentations

2022
12th International Conference on Applied Physics and Mathematics, Singapore (expected)

2021
Korean Physical Society: Fall Meeting, Korea
Seminar in Industrial Engineering, Spring, Yonsei University, Seoul, Korea

2020
Seminar in Investment Information Engineering, Fall, Yonsei University, Seoul, Korea

Research Experience

Yonsei University
Junior Economist, Center for Finance & Technology, 2021 - Present
Research Assistant, Prof. Kwangwon Ahn, 2020 - Present

Skills

Languages
Korean, Fluent in English

Computer Languages and Statistical Packages
Python, R, MATLAB, SAS, STATA, MySQL, Oracle SQL, C

Database
Bloomberg

Editing Skills
LaTex

Services

Ad-hoc Reviewer
ICAPM 2022

Other Employment

Military Services, Auxiliary Police, 2017 - 2019

References

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Yena Song
Chonnam National University; y.song@jnu.ac.kr