

Seungwoo Shin

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EDUCATION

Korea University Seoul, Korea | Mar. 2018 – Present

B.A. in Statistics

B.S. in Computer Science

GPA: 4.09/4.5 (As of 2023)

Korea Foundation for Advanced Studies (KFAS) Scholarship Recipient in Social Science Division

Course Taken: Financial/Actuary Statistics, Statistical Computing, AI, Database, Algorithm

Daewon Foreign Language High School Seoul, Korea | Mar. 2015– Feb. 2018

Diploma in French

Samsung Lee Kun Hee Scholarship winner

EXPERIENCES

KOREA UNIVERSITY BUSINESS SCHOOL Seoul, Korea | Sep. 2023 – Nov. 2023

Research Assistant for joint International Economic Project: Post-COVID Korean Economic Development

- Accumulated and Categorized 400+ corporate foreign debt data in Excel from DART database
- Applied Python data crawling to automatize the process: recorded 60% accuracy

KFAS KNOWLEDGE FESTIVAL FOR SOCIAL STUDIES Gangneung, Korea | Nov. 2021 – Nov. 2021

Podium Speaker for Big Data Session

- Delivered a 15-minute-long presentation on “Big Data Society” in front of 20+ professors

Defense Security Command (Korean Army Intelligence Service) Seoul, Korea | Sep.2019 – June. 2021

Sergeant, Human Resource Division

- Updated and Maintained 3000+ HR information using Oracle Database provided by Korean Ministry of Defense

PROJECTS DURING COURSES

STAT302: Time Series Analysis

Time Series Analysis of Markey Cap of Cryptocurrency: Is crypto considered as money?

- Predicted relationship between time series data of Cryptocurrency, Gold, Stock, and Liquidity with R
- Collected data from various sources and preprocessed the given data into time-series-analyzable format
- Used stepwise regression, ARIMA, GARCH model to reduce the explanatory variable and check forecast

COSE362: Machine Learning

Determining Edibility of Mushrooms Using Machine Learning Classification

- Compared Naïve Bayes, Logistic Regression, Decision Tree algorithm accuracy using Python

LANGUAGE, PROGRAMMING SKILLS AND OTHER INFORAMTION

Language: Korean Native, English Fluent, French Intermediate

Programming Skills: Proficient: C, R

Intermediate: Python, SAS, SQL

Beginner: PHP, HTML

Acquired Microsoft Office Master Certificate in Excel, PowerPoint, Word, Access

Working toward CFA Lv.1 in 2024 May to strengthen financial statement analysis skill

Experienced writing essays about Economics, Public Finance, Korean Public administration/law