

Dongjun Lee

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PROFESSIONAL EXPERIENCE

U2M Education, Jeon-Ju, South Korea Jan 2021 - May 2021

Statistics Instructor

- Developed a new curriculum that combined basic concepts of statistics and instructed 30+ students
- Maintained students' data and analyzed the data to check students' progress using MS Excel
- Conducted meetings with students' parents to consult academic plans and achieved a 100% renewal rate

JONGNO-GU Office, Seoul, South Korea July 2017 - Aug 2017

Administrative Intern

- Evaluated the quality of career educating class in 15+ middle and high schools
- Monitored \$2M of education expense grant and classified the grant payment details using MS Excel

Military Service (61st Infantry Division), Bu-Cheon, South Korea Mar 2015 - Dec 2016

Military Information Personnel (PV2-Sergeant)

- Managed the budget of the Office of the Secretary for the Assistant Division Commander
- Reported the record of 100+ military officials and prepared for internal, external audit
- Gained exceptional leadership abilities while communicating with diverse soldiers

ACADEMIC PROJECTS

Rental Housing Community Database management system (SQL) Aug 2021 - Dec 2021

- Designed a Database management system for virtual Rental Housing Communities, including 7 entities
- Wrote 71-page technical summary report including Business Rules, Relationship and Cardinality Descriptions, DML and DDL parts with 9 team members

Hands-on experiences in Statistical Modelling and Machine Learning (Python3, R) Aug 2021 - Dec 2021

- Analyzed the relationship between some variables, including the person's earnings, unemployment rate, and other variables in specific years using python3
- Conducted various methods including decision tree, linear regression, logistic regression, PC analysis and compared the accuracy of each method's result

Time Series Analysis using the Bitcoin, Gold, SP500 data(R) Aug 2021 - Dec 2021

- Predicted the future price of Bitcoin with KPSS test (time series analysis) and ARIMA, VAR method
- Verified the insight that the changes in Gold price Granger-cause a change in Oil price and the changes in the Bitcoin Price Granger-cause a change in Gold price

Google Store Application text mining (R) Sep 2019 - Dec 2019

- Analyzed the relationship between the title and the profit of applications in Google Store with text mining using R
- Verified the expectation that the applications that have specific words in the title show more profit

EDUCATION

The University of Texas at Dallas, Jindal School of Management, Richardson, TX December 2022

Master of Science in Business Analytics

GPA 3.89

Dean's Excellence Scholarship

Sungkyunkwan University, Seoul, South Korea Feb 2020

Bachelor of Economics in International Trade and Policy

GPA 3.6

Academic Excellence Scholarship / Club Scholarship

Skills and Expertise

Programming Languages: Python3, R, SQL

Big Data & Analytics Tools: Hadoop (HDFS, MapReduce, Spark), Tableau

Data Science Libraries: Python (Pandas, Scikit Learn, TensorFlow, Keras)

Data Science: Regression, Classification, Neural Networks, Time Series Analytics

Other Tools: R, SAS, Google Analytics, MS Excel Solver, SPSS