

Eunjoo Seo

Korea University
145 Anam-ro, Seongbuk-gu
Seoul, Republic of Korea

+82-10-2621-4105
seo.e.j29@gmail.com
GitHub LinkedIn

INTERESTS

[Research Topics] Generative AI, AI Philosophy, Human-AI Interaction, Platform Business
[Research Methods] Econometrics, Deep Learning, Counterfactual Prediction, Reinforcement Learning

EDUCATION

Korea University

Mar 2019 - Feb 2024

Undergraduate Student

Seoul, Korea

- B.A. in Food and Resource Economics
- B.A. in Statistics
- Total GPA of 4.17/4.5 (96.7/100)
- Thesis: An Essay on Time Series Modeling - A Review and Analysis

McGill University

Sep 2022 - Apr 2023

Exchange Student

Montreal, Canada

- Faculty of Science: Mathematics and Statistics

RESEARCH EXPERIENCE

Desautels Faculty of Management, McGill University

Jan - Apr 2023

Research Intern, Advisor: Prof. Warut Khern-am-nuai

Studied how hidden forces of multimodal user-generated content affect purchasing decisions. Independently, collected data and performed feature engineering and data mining tasks on text and image.

Applied Econometrics Lab, Korea University

May - Sep 2021

Undergraduate Researcher and Team Lead, Advisor: Prof. Byeongseon Seo

Led weekly lab meetings with 3 members and professor. Contributed to design a learning model that gives better forecast on beef supply. Developed Lee-Carter approach by extracting age component and period component and then feeding them into a classical regression model and an RNN model.

Agricultural Trade Lab, Korea University

Jul - Aug 2020

Undergraduate Researcher, Advisor: Prof. Seung Ryong Yang

Constructed a database for National Food Security Index of Central Asia Regions. Gathered multiple socioeconomic factors for an Early Warning System.

HONORS AND AWARDS

Travel Award

May 2023

- Awarded by Statistical Society of Canada for presenters

Research Grant

Aug 2021

- Granted by Korea Rural Economic Institute (KREI)
- Topic: Spatial Econometric Modeling and Deep Learning Methods for the Incorporation of Climate and Disease Factors in the Beef Supply Predictive Model

Best Presentation Award(1st Place)

Jul 2021

- Awarded by IfM, Department of Engineering, University of Cambridge
- Topic: Plant-based Protein Drink for Breast Cancer Patients using African Yam Bean

Global Talent Scholarship

May 2021

- Awarded by Global Leadership Center, Korea University

Outstanding Research Award

Jun 2021

- Awarded by Prof. Eun Kyong Shin in Data Science and AI Class
- Topic: Effects of Natural Factors and Social Factors on the Crisis of Local Population Decline
- Selected as one of Top 10% out of 600+ posters based on the evaluation from instructors and peers

Academic Excellence Scholarship

2019 - 2020

Dean's List

2019

CONFERENCES

Canadian Statistics Student Conference, Statistical Society of Canada

May 2023

Oral Presenter (*Peer-reviewed Abstract*)

Ottawa, Canada

- Presented at Environmental and Ecological Statistics Session
- Topic: Predictive Analysis of Beef Supply: Comparison between econometric and machine learning approaches

KrAIS Summer Workshop

Jul 2023

Student Volunteer

Seoul, Korea

ICT Conference, Korea Forest Service

Nov 2021

Oral Presenter

Daejeon, Korea

- Topic: Eradication of Illegal Logging through Blockchain-based Timber SCM Service

INDUSTRY EXPERIENCE

FuturePlay

Mar - Jul 2022

Venture Capital Research Analyst

Seoul, Korea

- Performed market research on 60+ potential early-stage investments in mobility industry
- Assisted with 30+ IR meetings cooperated with a SI in mobility industry
- Participated in Accelerating and Open Innovation Program in food tech industry

LG International

Jan - Feb 2022

Strategy Intern

Seoul, Korea

- Conducted daily market analysis on minerals in Resource Trading Team
- Contributed to an NFT project with a leading entertainment company in New Business Development Team

ACADEMIC ACTIVITIES

Machine Learning Bootcamp, Google for Developers

Sep 2023 - Feb 2024

Member and Executive Committee, Information Technology Society (ITS)

Sep 2021 - Jul 2022

- Advisor: Prof. Byungwan Koh
- Organized and attended study sessions on AI, IoT, Blockchain, and Cloud twice a week
- Collaborated with an Online Coaching Platform and an Air Sterilization Company
- Actively learned and socialized with members through various talks and conferences

College Delegate, The 8th College Delegates of WFUNA

May - Aug 2021

- Hosted and joined meetings and interview sessions twice a week to produce policy proposals
- Gave a pitch of the final proposal to UN officials
- Topic: The Establishment of the Recycling System and Waste-to-Energy project based on 3Rs in Jakarta

EXTRACURRICULAR ACTIVITIES

Counseling Assistant for English-speakers, Korea University Korean Language Center

Sep - Dec 2023

- Served as a counselor for English-speaking students about academic and administrative issues
- Planned and held an entrance ceremony as an interpreter and emcee for 800+ freshmen in the fall term

Member and Leadership, CCC (Campus Crusade for Christ)

2019 - 2023

- Prepared worship & chapel on Fridays as a member in campus praise team
- Hosted virtual orientation & welcoming day for freshmen during COVID 19

Wingback, FC Elise (Korea University Women's Soccer Team)

2019

VOLUNTEER EXPERIENCE

Rural Volunteer Work, Boryeong-si, Chungcheongnam-do

Aug 2022, Aug 2023

Taebaek-si Urban Revitalization Project, Korea University Social Service Organization

Jul - Aug 2020

SKILLS AND OTHERS

Languages: Python, R, SAS, SPSS, STATA, OCaml

Frameworks: PyTorch, TensorFlow

Hobbies: Cycling, Running, Reading books, Playing the ukulele, and Cooking