Seo Wook Choi

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SKILLS

Data Analysis: Bayesian Statistics, Time-Series Data Analysis, Spatial Data Analysis, Multivariate Data Analysis, Statistical Computing, Machine Learning, Deep Learning and Natural Language Processing

Psychology and Psychometrics: SEM, Factor Analysis, IRT, Experimental Design, Cognitive Modeling, Behavioral Data Analysis and Neural data analysis

Programming Language and Software: R, Python, C++, SAS, SPSS syntax, Matlab, TensorFlow, SQL and LaTeX

COURSES

Courses Related to Data Analysis: Statistical Theory, Regression Analysis, Experimental Design, Multivariate Statistics, Theory of Time-Series, Applied Spatial Statistics, Sampling, Bayesian Statistics, Advanced Statistical Computing, Covariance Structural Modeling, Item Response Theory

EDUCATION

The Ohio State University, Columbus, Ohio, United States
Master's Degree, Quantitative Psychology, 2017
Seoul National University, Seoul, South Korea
Graduate Student, Quantitative Psychology, Feb 2015–Aug 2015
Sung-Kyun-Kwan University, Seoul, South Korea
Bachelor's Degree, Psychology and Statistics (Double Major), Feb 2015
University of Wyoming, Laramie, Wyoming, United States
Exchange Student, Aug 2013–May 2014

EXPERIENCE

Intern - HR Data Science   Micron Technology
                                                  May 2019–Current

Social Network Analysis Project
-Social Network analysis and visualization using Skype call data within Micron employees
University Name Entity Matching Project
-Natural language processing and development of deep learning model for entity matching of university name data.

Teaching Assistant   The Ohio State University
                                                  Aug 2016–Current

Quantitative Methods in Psychology (undergraduate)
-SPSS lab instructor, Recitation, Grading
Statistical Methods in Psychology (graduate)
-R, SAS, SPSS syntax lab instructor, Recitation, Grading

Graduate Student   The Ohio State University
                                                  Aug 2015–Current

Studies in Mathematical Psychology Lab (Advisor: Dr. Trisha Van Zandt)
Projects
-Bayesian hierarchical modeling of stimulus-independent responses
-Joint modeling of fMRI data and risky behavior in balloon analog risk task
-Response time and choice modeling

Sergeant   Republic of Korea Army
                                                  Dec 2010–Sep 2012

Augmented troop to the Eighth United States Army
Automated logistical specialist, Squad leader