DONGKYOUNG (ANDREW) LEE

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EDUCATION

Indiana University, Bloomington, IN   Aug 2018 – May 2020
Master of Science in Statistical Science
- Relevant classes: Applied Linear Models, Statistical computing (R, C++), Statistical Theory, Mathematical Analysis, and Exploratory Data Analysis

Dankook University, Seoul, South Korea   Mar 2010 – Aug 2017
Bachelor of Arts in Economics and Statistics (GPA: 3.6/4.5)
- Dankook University Founders Scholarship Recipient, 2017

RELEVANT EXPERIENCE

GfK Retail and Technology, Seoul, South Korea   Feb 2018 – June 2018
Market Research Intern, Operational Supports
- Used R and MySQL to impute missing values from retail sales data for consumer goods market
- Created an automated data cleaning program using R
- Generated monthly market reports and delivered to clients and collaborated with Marketing team

SAS Institute, Seoul, South Korea   July 2016 – Aug 2016
Business Intelligence Intern, Presales
- Modeled a customer sentiment scoring program using text mining algorithms
- Parsed and cleaned over 10,000 customer reviews from KIA Motors
- Used SAS Business Intelligence solutions, including SAS Text Miner, Enterprise Miner, and Visual Analytics
- As a team of 5, achieved a sales contract with KIA Motors

OTHER EXPERIENCE

Indiana University, Bloomington, IN   Aug 2018 – Present
Teaching Assistant for Business Statistics Course
- Hold office hour regularly to support up to 150 students per semester
- Lead discussion on students' projects on business analytics
- Analyzed feedbacks from students to improve course materials

Indiana Statistical Consulting Center, Bloomington, IN   Jan 2020 – Present
Intern
- Consulted scholars to prepare academic research papers on biological and sociological data
- Collaborate with Statistics professors and clients to complete projects

TECHNICAL SKILLS & CERTIFICATIONS

Programming languages: R, SAS, SQL
SAS Certified Predictive Modeler – SAS Institute Inc., Raleigh, NC (2017)
SAS Certified Statistical Business Analyst – SAS Institute Inc., Raleigh, NC (2017)
SAS Certified Advanced Programmer – SAS Institute Inc., Raleigh, NC (2016)

SELECTED PROJECTS

Contagion model analysis
- With Approximate Bayesian Computing, built simulation models to detect human network using R.

Markov Chain Music Composer
- Built an automated music composing program, using Markov Chain.
- Programming languages used: R, Python