

TAEHEE JUNG

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NOTE: I am looking for a full-time position in research or data scientist.

EDUCATION

University of California, Berkeley

Aug 2016 - May 2017

- *Master of Arts: Statistics* | GPA: 3.76/4.0
- *Coursework: Machine Learning, Linear Models, Advanced Probability, Statistics, and Statistical Computing*

Korea Advanced Institute of Science and Technology (KAIST), Daejeon, Korea

Feb 2007 - Feb 2011

- *Bachelor of Arts: Management Science* | GPA: 3.71/4.3 | *Academic Excellence Scholarship (2007 - 2011)*

EXPERIENCE

University of California, Berkeley, USA

- *A Theoretical and Empirical Examination on Recent Generative Adversarial Models*, class project of Machine Learning Mar - May 2017
- *S&P 500 Stock Portfolio with Sentiment Analysis*, class of Capstone Project Jan - May 2017
 - Analyzed sentiment on Twitter for stock market prediction and developed autoregressive predictive models
 - Constructed a stock portfolio using Markowitz objective function with l_1 penalty
- *Creating R package for MFA*, class project of Statistical Computing Nov - Dec 2016
 - Developed R package for Multiple Factor Analysis to perform mfa, bootstrap, and plot the results and visualized the results on Shiny app

Korea Credit Bureau (KCB), Seoul, Korea

Dec 2010 - May 2016

Manager

- *Big, Public Data Analysis*, funded by Ministry of Government Administration and Jeonju City Sep - Dec 2015
 - Analyzed and visualized boarding histories, local floating population, petition documents, and home to office O/D information
 - Constructed new strategies for bus rearrangement and adopted by Jeonju city on Feb, 2017
- *Fraud Detection System Development*, funded by Woori Bank Dec 2014 - Aug 2015
 - Segmented customers' transaction histories and developed predictive ensemble models on regression, neural network, and decision tree
 - Compared with previous FDS, overall detection rate increases more than 20%

Associate Manager / Staff

- *Migrant Analysis for Magok New Town*, funded by LG Economic Research Institute Jun - Sep 2014
 - Developed demographic database of migrants and classified them using decision tree for potential cultural demand to the new town
- *Location based Decision Support System*, funded by Korea Credit Bureau & R114 May - Aug 2012
 - Developed an integrated database (e.g., location, real estate, residential's demographic and financial data) called *K-atlas*
- *Data Convergence & Statistical Analysis*, funded by Seoul City Dec 2010 - Feb 2011

LG Electronics, Seoul, Korea

Jun - Jul 2010

Oversea Marketing Intern

- Surveyed and developed strategies for new market of Home Appliance department

Electronic & Telecommunication Research Institute (ETRI), Daejeon, Korea

Dec 2008 - Feb 2009

Research Assistant

- Surveyed market research for ubiquitous health devices and predicted future demand using Bass model

SKILLS

Programming language: Python, R, SAS, SQL, Unix/Linux, Tableau, QGIS

Language: English (Fluent), Korean (Native), Spanish (Beginner)