Min Gu Jo (Min)

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http://mingujo.com | GitHub : github.com/mingujo

EDUCATION

University of California, Berkeley

- **Major** : *B.A. in Statistics and Economics,* **Minor** : *B.A. in Computer Science*
- Cumulative GPA : 3.4/4.0, Expected Graduation : December 2016

Relevant Coursework: Statistical Inference & Computing • Machine Learning • Statistical Data Science • Computer Architecture • Data Structures • Econometrics • Discrete Mathematics & Probability • Linear Modeling* • Artificial Intelligence* • Database Systems* (* Spring 2016)

SKILLS

Programming Languages

- JAVA, Python, R, C, MIPS Assembly (comfort level from most to least)

Software

- Git, Jupyter, Eclipse LaTeX

RESEARCH/PROJECT EXPERIENCE

Fall 2015 **Detection of Activated Brain Regions Under Mixed Gamble Task (In-class Project)**

- Investigated the relationship between the brain activity and the behavior of the subjects towards the 50/50 gambling situations using a whole-brain robust regression analysis on Python
- Pre-processed and analyzed fMRI image data to identify active regions of the participants' brains

Fall 2015 **Kaggle Challenge: Titanic Disaster Survival Prediction**

- Developed machine learning ensemble models to predict the survival in Titanic disaster with 80% accuracy when submitted

Fall 2015 **Kaggle Challenge: Bag of Words Meets Bags of Popcorn**

- Applied basic natural language processing method using Google's word2vec to classify iMDB movie review data as either positive or negative (85% accuracy when submitted)

Spring 2013 **Probabilistic Modeling of Interactions on UC Berkeley Campus**
Prof. David Aldous: Undergraduate Research Group

- Designed an independent research topic and hypothesis to predict and visualized common routes of UCB undergraduates with different majors and their interactions on campus
- Collected survey data from 130+ undergraduates across 5 different majors on MySQL database
- Presented to 20+ undergraduates at the Statistics Undergraduate Research Poster Session

Spring 2013 **Prediction of Kobe Bryant's Performance in His Next Game (In-class Project)**

- Scraped Kobe's seasonal data from *basketball-reference.com* and selected relevant predictors
- Applied regression analysis and shrinkage methods to create statistical models for prediction and cross validated to evaluate the different machine learning models using R

PROFESSIONAL EXPERIENCE

Fall 2013 - Spring 2015 **Ministry of National Defense of the Republic of Korea | Financial Management Corps**
Sergeant | Squad Leader | English Interpreter
Seoul, Korea

- Communicated with officers, NCOs, and personnel of the 176th Financial Management Support Unit at U.S Army Garrison to promote business/fellowship relations with Financial Management Corps
- Translated U.S. Army financial tactics manual in wartime conditions to assist Korean officers in establishing financial support tactics for Korean military in wartime

Summer 2011 **Ernst & Young**
Business Advisory Intern
Seoul, Korea

- Researched relevant data and created visuals for Samsung Card Enterprise CRM Process Innovation Project
- Visualized click stream data on the web services using data analytical functions on Microsoft Excel
- Presented to senior management the analysis and possible paths for future preparation of Korean Insurance firm cases by referring to the past cases

LEADERSHIP EXPERIENCE

Spring 2012- Spring 2013 **Ascend | Premier Accounting and Finance Organization**
Career Development & Social Committee Member
Berkeley, CA

- Organized large-scale professional events sponsored by the Big 4 for 400+ attendees, including case study competitions, networking series, office tour, and round-table discussions
- Developed a series of career exploration events for 60+ Ascend members, allowing them to establish professional networks and enhance industry knowledge and organizational skills

Awards: Finalists, Northern California Ascend 2012 Student Case Competition (Fall 2012)