Min Gu Jo (Min)

(510) 365-4988 | mingu08@berkeley.edu
http://mingujo.com | GitHub : github.com/mingujo

EDUCATION

University of California, Berkeley   Expected Graduation: December 2016
- **Major:** *B.A. in Economics, Statistics*
- **Minor:** *B.A. in Computer Science*   GPA: 3.4/4.0

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

SKILLS & ACCOMPLISHMENTS

Programming Languages (comfort level from most to least): JAVA, Python, R, C, MIPS Assembly
Software: Git, Jupyter, Eclipse, LaTeX
Awards: Finalists, Northern California Ascend 2012 Student Case Competition (Fall 2012)

RESEARCH/PROJECT EXPERIENCE

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

Kaggle Challenge: Titanic Disaster Survival Prediction   Fall 2015
- Developed machine learning ensemble models to predict the survival in Titanic disaster with 87% accuracy (Top 6% on Kaggle when submitted)

Probabilistic Modeling of Interactions on UC Berkeley Campus
Prof. David Aldous: Undergraduate Research Group   Spring 2013
- 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 and incorporated on MySQL database
- Presented to 20+ undergraduates at Statistics Undergraduate Research Poster Session on 2013 Cal Day

Prediction of Kobe Bryant's Performance in His Next Game (In-class Project)   Spring 2013
- Scraped published seasonal data from *basketball-reference.com* and selected relevant predictor variables
- 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

Ministry of National Defense of the Republic of Korea | Financial Management Corps   *Seoul, South Korea*
Sergeant | Squad Leader | English Interpreter   Fall 2013-Spring 2015
- Communicated with officers, NCOs, and personnel of the 176th Financial Management Support Unit at U.S Army Garrison Yongsan to promote business/fellowship relations with ROK 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

Ernst & Young   *Seoul, South Korea*
Business Advisory Intern   Summer 2011
- Researched relevant data and created visuals for Samsung Card Enterprise CRM Process Innovation Project
- Visualized customer activities data on the client's web services using data analytical Excel functions
- 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

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