

JUNGHWAN MIN

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www.github.com/pagunsun

EDUCATION

University of Virginia, Charlottesville, VA May 2015

M.S. in Data Science GPA 3.8/4.0

- Relevant courses: Statistical Computing and Data Visualization, Foundations Computer Science, Machine Learning, Data Mining

University of Virginia, Charlottesville, VA May 2014

B.A. in Statistics Major GPA 3.6/4.0

- Related course history: Applied Linear Regression, Applied Time Series, From Data To Knowledge, Mathematics of Derivative Securities, Experimental Design
- Dean's List December 2013

RELEVANT PROJECTS&TRAININGS

Independent Research: "Classifying Success or Failure of Bank Marketing" May 2015

- Implement Machine Learning algorithms such as SVM, Decision Tree, Principal Component Analysis, and Random Forest, and Decision Tree for classification purposes
- Calculate and explore how influential each variables are in determining bank's marketing success rate

Capstone Project: "Measuring Predictive Power of Social Engagement of TV" April 2015

- Analyzing the degree that social media communication impacts TV tune in by viewers
- Predict levels of engagement are required to support social TV by genre
- Suggest how much spending is attributed to social media

Competition Entry: "Survival on the Titanic on Kaggle" December 2014

- Removed factors and created clean data sets to correct model
- Developed 3 models to predict survivor on the Titanic using Logistic model, Decision tree model, and Random fixed model
- Predicted the response variable by using the 3 statistical algorithms

Enrolled courses on Coursera/HortonWorks:

- HortonWorks : HDP Developer: Apache Pig and Hive June 2015
- John's Hopkins University (Non-credit): R Programming October 2014
- John's Hopkins University (Non-credit): Getting and Cleaning Data October 2014

SPECIALIZED SKILLS

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- Exceptional Data Analytical Skills
 - Proficient in R, Python, Weka, and SQL
 - Proficient in MS Office: Microsoft Excel, Word, and PowerPoint
 - Experience in Hadoop (Pig, Hive, and Sqoop), Linux

WORK/VOULUNTEER EXPERIENCE

REPUBLIC OF KOREA ARMY, In-je, Korea

February 2007 - January 2009

Sergeant

- Served as quad Commander on 15 simulated combat training exercises
- Received outstanding Assistant Instructor award for providing First Aid and CPR training