EMILY ROBINSON
DATA SCIENTIST

Education

INSEAD
MSc Organizational Behavior 2016
GPA: 3.99/4.0
Relevant Coursework: Experimental Design, Multivariate Statistics, Econometrics

Rice University
BA Decision Sciences 2014
GPA 4.02/4.0, Phi Beta Kappa
Relevant Coursework: Advanced Psychological Statistics, Introduction to Regression and Statistical Computing, Statistical Computing and Graphics, Multivariable Calculus, Linear Algebra

Experience

Metis
Data Scientist

New York, NY
June 2016 to September 2016

Metis is a full-time, 12-week data science bootcamp focusing on statistics, programming, machine learning, natural language processing, database management, and visualization.

- Built an application using Shiny in R that recommends the best freelancing jobs for a data scientist based on their skills and profile text, using data on the 93,000+ data science freelancers on UpWork (obtained via API)
- Analyzed over 2,200 NYTimes election articles (obtained via API) using TFIDF and NMF, visualizing topic distribution over time
- Built and optimized random forest model for classifying the success of projects on DonorsChoose.org
- Predicted differences between user and critic ratings of 1500 movies using linear regression

Baylor College of Medicine
Health, Humanism, and Society Scholar

Houston, TX
September 2013 to May 2014

- Collected and analyzed approximately 300 patient-directed decision aids to create categories of how costs were presented and establish the frequency of modes of presentation
- Published the resulting paper as second author in the Journal of Medical Decision Making in May 2015

Deloitte
Human Capital Summer Scholar

Houston, TX
June 2013 to August 2013

- Designed statistical graphics in Tableau for a client proposal
- Conducted bench-marking, survey pricing research, and job description cleansing

Rice University
Sociology Research Assistant

Houston, TX
January 2013 to May 2013

- Transcribed over 10 hours of interviews on the experience of religious people with science
- Created sampling frames for UK university departments for a study on scientists' perception of religion

Governing Magazine
Summer Mentorship Experience Fellow

Washington, D.C.
June 2012 to August 2012

- Developed and executed a plan for collecting data and conducting statistical analyses for the Report Card Project, a comprehensive report aimed at improving community conditions in states by grading them on six outcome areas
- Delivered a final report with preliminary grades for an outcome area and suggestions for future research

Contact

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Skills

DATA SCIENCE
Python
R
SQL
MongoDB
Machine Learning
Natural Language Processing
Git
STATA
Tableau

LIBRARIES
Pandas
Seaborn
Scikit-learn
NLTK
NumPy
SciPy
ggplot2
dplyr
rmarkdown

Activities

Traveling
Ask me about living in France and Singapore for two years and my recent trips to Bangkok, Barcelona, and Prague

Bridge
Avid bridge player, traveling regularly to national tournaments