

# EMILY ROBINSON

## DATA SCIENTIST

### Education

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#### 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

Relevant Coursework: Advanced Psychological Statistics, Introduction to Regression and Statistical Computing, Statistical Computing and Graphics, Multivariable Calculus, Linear Algebra

### Experience

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#### Metis Data Scientist

New York, NY  
June 2016 to Present

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

- 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

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#### DATA SCIENCE

Python

R

SQL

Machine Learning

Natural Language Processing

Git

STATA

Tableau

#### LIBRARIES

Pandas

Seaborn

Scikit-learn

NLTK

NumPy

SciPy

ggplot2

dplyr

rmarkdown