

# EMILY ROBINSON

## DATA ANALYST

### 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

---

#### Etsy Data Analyst

New York, New York  
December 2016 to Present

- Partner with search teams to design, implement, and analyze experiments on the ranking algorithm, UI changes, and new features
- Use SQL, Scalding, and Looker to access and share the data generated by our millions of daily users

#### 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 election articles from the New York Times (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

### Contact

---

✉ [robinson.es@gmail.com](mailto:robinson.es@gmail.com)

🌐 [robinsones.github.io](https://robinsones.github.io)

☎ 917-704-3998

📍 New York, NY 10021

in robinsones

🔗 robinsones

### Skills

---

#### DATA SCIENCE

Python

R

SQL

Machine Learning

Natural Language Processing

Git

A/B Testing

Scala

Scalding

#### LIBRARIES

Pandas

Seaborn

NLTK

Scikit-learn

NumPy

SciPy

dplyr

ggplot2

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