

# Jon Kislin

Data Scientist

## SKILLS

### Data Analysis

Regression  
Classification  
Dimensionality Reduction

### Languages & Libraries

Python  
Pandas | NumPy  
Scikit-learn  
Unix Command Line  
SQL

### Database Management

mongoDB | postgresSQL

### Web Scraping

Scrapy | Selenium  
Twitter API with Tweepy

### Natural Language Processing

Natural Language ToolKit  
Topic Modeling: LDA and NMF  
TextBlob  
scikit-learn

### Social Network Analysis

networkX  
Gephi

### Visualization

matplotlib | seaborn  
Gephi

### Software Management

Git and Github  
Amazon EC2  
Docker

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## EXPERIENCE

### Metis, *Data Scientist*

New York, NY January - April 2018

Completed a 12-week immersive data science program covering machine learning, data analysis, visualization, and communication. Completed 5 projects from conception to presentation, including data collection, analysis, and modeling.

#### *Selected projects include:*

#### **Traversing the Trump Twitterverse**

Modeled network structure of over 3 million tweets referencing “@realDonaldTrump.” Identified meaningful communities, performed topic model analyses, and identified key users by PageRank and Betweenness Centrality. Visualized with Gephi and custom JavaScript packages.

#### **Different Worlds**

Performed topic modeling of Sean Hannity and Rachel Maddow talk show transcripts. Used NLTK and Latent Dirichlet Allocation to discover similarities in topics, and charted trends over time using matplotlib.

#### **Will They Survive?**

Predicted hostage situation outcomes with data from START Global Terrorism Database. Used Random Forest classifiers to model outcome likelihood with 80% accuracy.

### NuVue Window Factory, *Office Manager*

Oceanside, NY July 2016 - January 2018

Interacted with customers for purchases and service, resolved customer disputes, and handled delivery-route logistics.

## EDUCATION

### State University of New York College at Geneseo B.A. Psychology and Philosophy

SUNY Geneseo Psychology Department

#### *Research Assistant*

August 2014 - May 2016

#### **Personality Predictors of Student Activism Intentions**

Independently authored survey study: Examined links between big-five personality traits and willingness to engage in both civil and radical activism behaviors. Presented findings at Geneseo’s 10th annual GREAT Day Conference.