

Matthew J. Delhey

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Education

Rice University B.A. Statistics and Philosophy, Mathematics minor; *Expected May, 2015.*

Coursework GPA: 3.5 Statistics GPA: 3.9

Data Mining & Statistical Learning
Mathematical Statistics
Database Systems

Data Analysis and Visualization
Linear Regression & Statistical Computing
SAS Statistical Programming

Skills

Programming Languages R, SQL, Linux, Python, C, C++, SAS, Matlab.

Distributed Data Experience with Hadoop, Hive, and Pig.

Experience

TripAdvisor *Data Scientist Intern*

May 2013 - August 2013

Evaluated the impact of television ads on website traffic, involving the creation of a robust model for traffic prediction and automated ad assessment. The results of my analysis were the primary consideration in TripAdvisor's expansion to a national television advertising campaign.

Worked hands on with massive, web-scale data sets and their distributed components, including the analysis of unstructured text.

Created the Traveler's Choice list of the best honeymoon hotels and best honeymoon cities across several countries, involving the munging of raw data to the creation of the ranking algorithm.

LUC Media *Research Intern*

July 2010 - January 2011; July 2012 - August 2012

Conducted and presented original research on the predictive ability of social networks as forecasters of the 2010 Georgia gubernatorial election.

Academic Projects

Statistical Design in Practice: Data Integration

Developing R package to aid in the process of Data Integration with particular focus in bioinformatics and microarray data in completion of the senior capstone project requirement. Paper presentation scheduled for December, 2013.

Obama for America 2012: An Exploratory Sentiment Analysis

Original sentiment analysis of President Obama's re-election campaign through its external emails and tweets, focusing on the relationship between sentiments and political events applied in a case study of Obama's healthcare policy.

Activities

KTRU (Rice Radio Station) Technical Director and Station DJ

Philosophy Club Vice President