Russell Brown

I am a data scientist seeking to manipulate data, provide useful analysis, and create visualizations. I take pride in acquiring a fundamental understanding of the issues at hand and helping others to achieve the same. I use methodical and data-driven analysis to determine the best course of action in the face of uncertain outcomes.

Contact Me:
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Check Out My Website:
rnbrown.github.io/rnbrown

EXPERIENCE

Data Science Immersive Student: June 2017 – September 2017
General Assembly, Washington, D.C.

Took a 500-hour full time data science course that was focused on implementing cutting-edge machine learning techniques. Within the context of this course, I built a webscraper and model to predict salary ranges on Indeed.com. I also built a model to predict outbreaks of West Nile Virus in Chicago. For my capstone project, I analyzed home mortgage application data for evidence of redlining.

Professional Poker Player: August 2015 – June 2017
Self-Employed

As a professional poker player I had to maintain focus and analyze patterns in behavior over long stretches of time. I used my observations to assess risk and make profitable decisions. I kept up to date with new developments in strategy, used a wide variety of software to assess my decisions, and applied what I learned in a live high pressure environment.

Field Data Collector: May 2015 – August 2015
Gorove-Slade Associates Inc., Washington, D.C.

I collected data for a trip generation study that was used to plan DC Department of Transportation's new Streetcar system. I directly surveyed individuals on their modes of transportation and monitored traffic density all across DC for 6 hours a day.

EDUCATION AND CERTIFICATIONS

General Assembly, Washington D.C. - Data Science Immersive
September 2017

University of Maryland, College Park – BS Mathematics
May 2017

Society of Actuaries – Exam P, Exam FM

SKILLS

Machine learning:
Deep Learning, Predictive Modeling, Data Analysis, Natural-Language Processing, Data Wrangling, Statistics

Programming Languages:
Python, R, SAS, SQL, Java, MATLAB, Mathematica, Javascript

Libaries & Packages:
Tensorflow, Keras, Scikit-learn, Nltk, Scipy, Seaborn, Bokeh, Flask, Xgboost, Numpy, Pandas, Statsmodels, Beautifulsoup, Selenium

Software and Tools:
Jupyter notebook, Tableau, Excel, Git, Github, Spyder, Eclipse, UNIX, LaTeX, Google Cloud, Amazon Web Services, Heroku

Other:
Teaching, Public Speaking, Web Scraping, API Handling

Languages:
Mandarin Chinese (conversational)