

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.

EDUCATION

University of Maryland, College Park – 5/21/17 - BS Mathematics

- Object-Oriented Programming
- Java, MATLAB
- Statistics
- Actuarial Mathematics

EXPERIENCE

Freelance Data Analyst: September 2017 - Present

Professional Poker Player: August 2015 – Present

- *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 statistically assess my decisions, and applied what I learned in a live high pressure environment.

Private Tutor (Math, Physics, Chemistry): August 2008- May 2013

TRAINING AND CERTIFICATIONS

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.

Deeplearning.ai, Deep Learning Specialization: 3/1/2018:

- Neural Network Optimization
- Convolutional Neural Networks
- Sequence Models

Google Foobar, Level 5: 10/17/2017

- Creative Coding Challenges

Society of Actuaries, Exam FM - Financial Mathematics: 2/17/2015

- Bond Math, Time Value of Money, Expected Value Calculations

Society of Actuaries, Exam P - Probability: 7/17/2014

- Combinatorics and Probability

Contact Me:

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Check Out My Website:

rnbrown.github.io/rnbrown

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

Libraries & 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)