

# 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.*

## 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**

**Google Foobar – Level 5 Completed**

## Contact Me:

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Washington, D.C.

## Check Out My Website:

[rnbrown.github.io/rnbrown](http://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)