

# COREY YOUNG

## DATA SCIENTIST

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📍 Louisville, KY  
in corey-young-0718

## Skills

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### DATA SKILLS

Python (Scikit-Learn, Numpy, Pandas)

Machine Learning

Data Analysis

Natural Language Processing

Data Cleansing and Manipulation

Data Visualization (Tableau, Matplotlib, Seaborn, Plotly)

SQL

Hadoop

Hive

Experimental Design

Git

## Experience

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### The Rawlings Group

Data Scientist

La Grange, KY

Apr 2017 to Current

- Work with a diverse team of analysts and data scientists to derive insights from data that help drive business decisions
- Developed multiple classification and regression models using messy healthcare data
- Built dashboards and created visualizations using Tableau, Plotly, and Matplotlib

### Semitone

Freelance Data Science Consultant

Seattle, WA

Feb 2017 to Apr 2017

- Develop handwritten symbol classification model within Python
- Research computer vision techniques and implement them within model
- Research and give advice on how to implement the classification model in C++

### General Assembly

Data Science Immersive

Seattle, WA

Oct 2016 to Dec 2016

- Three month intensive course, around 75 hours a week
- Completed projects utilizing machine learning algorithms in Python under strict time constraints
- Gained the experience and training I needed to take the step from biology to data science
- Strengthened my skills in Python (Scikit-Learn, Pandas, Numpy, Matplotlib, etc), SQL, Tableau, MongoDB, Git, command line, machine learning, big data, and data engineering

### The Commonwealth of Kentucky

Forensic Biologist 1

Frankfort, KY

Dec 2015 to Oct 2016

- Screened evidence for the presence of body fluids using a variety of techniques, including immunodiffusion tests and the Kastle-Meyer test
- Prepared chemical reagents used for the screening of evidence
- Received evidence from police agencies around the state according to the Case Acceptance Policy

### University of Louisville

Research Assistant

Louisville, KY

Aug 2012 to Dec 2015

- Designed protocols and performed experiments accordingly
- Analyzed data using R to gain insight into how Salmonella is able to cause systemic infections
- Responsible for training and supervising new research assistants
- Helped to develop a new in vitro assay to study how Salmonella causes systemic infections
- Helped secure a federal grant worth over \$500,000

## Education

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### General Assembly

Data Science Immersive 2016

### University of Louisville

Graduate Work

Awarded School of Interdisciplinary and Graduate Studies Fellowship

### University of Louisville

BA in Biology 2014

## Activities

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I am also very interested in all things music. I am a self-taught guitarist always increasing my knowledge in music theory.