

COREY YOUNG

DATA SCIENTIST

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📍 Louisville, KY
in corey-young-0718

Skills

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

Keras

Awards

University of
Louisville

School of Interdisciplinary
Studies and Graduate
Fellowship

Aug
2014

Fellowship that paid
tuition and stipend during
my time in the University
of Louisville's Biology PhD
program

Experience

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
- Applied random forest model to health care claims to predict which claims have recoverable funds through subrogation, leading to new revenue opportunities

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, 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 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

General Assembly

Data Science Immersive 2016

University of Louisville

Graduate Work

University of Louisville

BA in Biology 2014

Activities

I am also very interested in all things music. I am a self-taught guitarist with a moderate amount of knowledge in music theory.