

COREY YOUNG

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in corey-young-0718

Skills

DATA SKILLS

Python (Scikit-Learn, Numpy, Pandas)

Machine Learning

Data Analysis

Experimental Design

Natural Language Processing

Data Cleansing and Manipulation

SQL

Data Visualization (Tableau, Matplotlib, Seaborn)

MongoDB

BIOLOGY SKILLS

Experimental Design

Cell/Tissue Culture

PCR

Aseptic Technique

Awards

University of Louisville

School of Interdisciplinary Studies
Fellowship

Aug 2014

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

Summary

Data scientist with a passion for data, research, and science. I strive to utilize my problem solving skills and curiosity to use data to achieve better health care, find solutions for social change, and improve scientific research. I have a background in biological research that helped me to develop a love for research and data. My time at General Assembly added to my knowledge and skills in programming, data analysis, machine learning, big data, and recommendation systems.

Experience

General Assembly

Seattle, WA
2016 to Current

Data Science Immersive

- 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, and data engineering.

The Commonwealth of Kentucky

Frankfort, KY
2015 to 2016

Forensic Biologist 1

- 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

Louisville, KY
2012 to 2015

Research Assistant

- 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 mostly self-taught guitarist with a moderate amount of knowledge in music theory.