

BRENT SERGENT

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SUMMARY

Data Analyst that flourishes in gathering information, brainstorming solutions, interpreting data, and completing challenging projects. Can work equally as well alone or with a team. Driven by a combination of past successes and in upcoming, innovative, challenging projects.

TECHNICAL SKILLS

Data: PostgreSQL, VBA, Excel, MongoDB

Python 3: Pandas, Matplotlib, API, JupyterLab, Flask, SQL Alchemy, BeautifulSoup

JavaScript: D3, leaflet, DOM, plotly

Machine Learning: Random Forests, k-Nearest Neighbors (kNN), Linear Regression, Scikit-learn

RELEVANT EXPERIENCE

Senior Data Administrator
Covance

May, 2018 – Present
Indianapolis, Indiana

Used Excel and VBA to analyze and spot non-conformant data. Communicated with external labs to identify data that could potentially follow the specifications of automated entry.

ADDITIONAL EXPERIENCE

Data Administrator
Kforce

Aug, 2017– May, 2018
Indianapolis, Indiana

PROJECTS

Coffee Data Analysis | <https://github.com/Preft/Butler-Project3-GroupG-Web>

- Identified key global economic trends to train a machine learning model for predicting the retail prices of coffee. Attempted to predict the average global retail price based off of certain features such as imports, exports, and weather.
- Upgraded the HTML and CSS work to the website. Did the machine learning piece with respect to weather.
- HTML, CSS, and Python.

Music Data Analysis | https://github.com/Preft/MusicData_GroupB

- Created D3 visuals that analyzes music data provided by Spotify. Added a table that can be used to filter down the data by specific parameters.
- Implemented the music data set into two of the D3 visuals. Used previous projects to embed the HTML table filter and designed most of the flask application.
- Python, JavaScript, HTML, and CSS.

EDUCATION

Boot Camp Certificate:

Butler University, Indianapolis, Indiana

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

Bachelor of Arts in Mathematics, Minor in Computer Science and Economics:

Bethel College, Mishawaka, Indiana

GPA: 3.53

Dean's List: 5 Semesters

Outstanding Senior Math Student Award, 2017