

Rob Simpson

Data Analyst

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Github: [simpson12013](#)

<https://simpson12013.github.io/react-portfolio>



DATA ANALYST SUMMARY

- Employ statistical analysis to model, predict, and forecast trends
- Create **Python**-based scripts to automate the cleanup, re-structuring, and rendering of large, heterogeneous datasets
- Use advanced **SQL** and **Mongo** techniques to combine multiple datasets into one so as to create even more impressive and comprehensive databases

PROJECTS

Pet Adoption Tool -- Interactive Map

Technologies/Frameworks Used: JavaScript, Leaflet Mapping, MySQL

- An all-in-one resource for pet adoption. Interactive JavaScript mapping, regional search functionality, and a live Tableau Dashboard provide potential adopters with all the tools that they need in order to connect with the pet that is right for them.

Machine Learning Ensemble -- Breed Analyzer

Technologies/Frameworks Used: Python, Keras, Tensorflow, Scikit-Learn

- Machine learning ensemble uses three distinct models to determine an animal's breed. A trained ML model determines whether a given photo contains a dog or a cat, and then passes the photo to one of two pre-trained breed-analyzing models based on the determined species.

CURRENT WORK

George K. Baum & Company

Document Specialist

August 2018 - Present

- Complete daily office operations, ensuring effective performance of key business processes and completion of goals
- Perform spreadsheet development, report disbursements and document scanning
- Electronically file employee and corporate records to meet Compliance requirements

Self-Employed

Online Content-Creator

September 2017 - Present

- Produce, schedule, and broadcast video content to a remote website on a daily basis
- Analyze audience retention data and viewer trends to produce targeted content, and change content to reflect audience wants and needs
- Extensive personal experience in designing and assembling PCs, troubleshooting in Windows and MacOS, and diagnosing hardware malfunctions.

EDUCATION

- University of Kansas Data Analytics Bootcamp, Certificate Received: December of 2018
- University of Missouri- Kansas City, BM in Cello Performance and Music Theory: July of 2018
- **Academic Success:** National Merit Scholar, ACT score of 36/36, SAT score of 1590/1600.