CHRIS SHURTLEFF

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QUALIFICATIONS SUMMARY

Data Scientist with 2.5 years of industry experience. Strong quantitative skills in programming and statistics. Charismatic communicator capable of designing and validating compelling data visualizations. Expertise: Data Visualization, Data Manipulation, Statistics, NLP, Model Creation.

EDUCATION

University of Tennessee — Graduated December 2017
MSc. Business Analytics; GPA 3.7/4.0 — *Knoxville, TN*

Brigham Young University — Graduated April 2016
BSc. Geology; Minor: Business Administration; GPA 3.5/4.0 — *Provo, UT*

WORK EXPERIENCE

Caterpillar, Inc — January 2018 - Present
Data Scientist — *Peoria, IL*

· Designed and developed a data visualization tool for a multi-million dollar initiative using Python and SQL for data manipulation, Tableau for visualization, and Adobe Illustrator for mock-ups and graphics.

· Trained a logistic regression model (in Python) to predict likelihood that a given individual would use certain engineering tools. Wrote results to a SQL database and visualized in Tableau.

· Collaborated in preparing presentations for executive leadership by writing scripts (in Python) for ad hoc visualization and descriptive statistics.

Boeing Company — May 2017 - December 2017
Data Science Intern — *Warner Robins, GA*

· Collaborated with subject matter experts to produce an analytics tool (using Oracle SQL, Tableau, and Python) to enable quick comparison of C-17 fleet performance before and after maintenance.

University of Tennessee — August 2016 - May 2017
Graduate Research Assistant — *Knoxville, TN*

· Wrote Python scripts to automate data processing and load into a relational database used to test open-source data mining software.

· Proofread academic and technical papers for publication in scientific and trade journals.

Brigham Young University — September 2014 - April 2016
Research Assistant — *Provo, UT*

· Created a multivariate regression model in MATLAB including visualization that I then presented at a major geochemistry conference.

· Collaborated with a group of eight researchers to produce a computer model of mineral surface chemistry currently being published in a series of articles in Geochemistry publications.

SKILLS

Computer: Python, SQL, R, C++, Tableau, Power BI, Illustrator, AWS, Docker, LaTeX, ArcGIS, Excel
Analysis: Data Visualization, NLP, Time Series, Classification, Machine Learning, Causal Inference
Language: Fluent Portuguese, Conversational Spanish