DAN VATTEROTT

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EXPERIENCE

Showtime Networks Inc   October 2019 - Present
Senior Data Scientist   *Remote*

· Managed team of two data scientists
· Built data-pipeline that enables direct attribution of marketing actions to KPIs
· Oversaw development of model for that assigns revenue to Showtime's content based on subscriber acquisition and retention
· Oversaw development of a marketing mix model that measures the effectiveness of different marketing channels at Showtime
· Refactored daily spark job which resulted in an 83% reduction in runtime/costs

Showtime Networks Inc   May 2017 - October 2019
Data Scientist   *Remote*

· Built data-pipelines using Python and Apache Spark that transforms raw data from millions of customers into analyst-ready SQL tables
· Trained and deployed Machine Learning models (Apache Spark) that predict future customer behaviors (e.g., churn)
· Built an Apache Airflow server (AWS) for coordinating and scheduling distributed-computing jobs (e.g., calling data-pipelines and machine learning models)
· Built automated jobs that verify the quality of data-pipeline input and output data

Insight Data Science   January 2017 - May 2017
Data Science Fellow   *New York, NY*

· Built Sifting the Overflow, a chrome extension that highlights helpful parts of Stack Overflow answers
· Ingested 500,000 Stack Overflow answers into a Postgres database
· Trained a recurrent neural network to identify helpful portions of Stack Overflow answers
· Built a web-app front-end (Flask, AWS) describing my chrome extension

EDUCATION

University of Iowa   *June 2015*
PhD in Psychology
Concentration in Experimental Psychology

University of Wisconsin   *May 2009*
B.S. in English and Psychology

TECHNICAL SKILLS

Computer Languages	Python, Spark, Bash, JavaScript (d3)
Databases	SQL (PostgreSQL, HiveQL, MySQL)
Operating Systems	Linux (Ubuntu, Debian), OSX, Windows