

Dan Vatterott

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EXPERIENCE

Showtime Networks Inc

Senior Data Scientist

October 2019 - Present

Remote

- Managed team of two data scientists
- Oversaw development of model that measures and forecasts ROI of Showtime's content
- Oversaw development of data-pipelines and dashboards that give 'next day' insights into KPIs
- Built data-pipeline that enables direct attribution of marketing actions to KPIs
- Overcame engineering challenges to reduce the runtime of a daily, automated job by 83%

Showtime Networks Inc

Data Scientist

May 2017 - October 2019

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

Data Science Fellow

January 2017 - May 2017

New York, NY

- Built *Sifting the Overflow*, an NLP powered chrome extension that highlights helpful parts of Stack Overflow answers
- Built a web-app front-end (Flask, AWS) describing my chrome extension
- Trained a RNN (deep learning; Keras) to identify helpful parts of Stack Overflow answers
- Served Machine Learning model outputs via a web-app built using Flask (AWS)

EDUCATION

University of Iowa

PhD in Psychology

Concentration in Experimental Psychology

June 2015

University of Wisconsin

B.S. in English and Psychology

May 2009

TECHNICAL SKILLS

Computer Languages/Frameworks
Databases
Operating Systems

Python, Spark, Bash, JavaScript (d3)
SQL (PostgreSQL, HiveQL, MySQL)
Linux (Ubuntu, Debian), OSX, Windows