Harrison S. Jansma

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PROFESSIONAL SUMMARY

Data Scientist • Machine Learning Engineer
Python • Jupyter • ML Frameworks • NLP • Deep Learning
AWS • Docker • Git • SQL • SSH

EDUCATION

The University of Texas at Dallas **Aug 2018 – May 2020**
Master's in Computer Science, Data Science Track

Baylor University **Aug 2013 – May 2017**
BBA Business Fellows, Secondary Major Mathematics

- Magna Cum Laude (3.86 GPA)

WORK EXPERIENCE

Self-Taught Data Scientist Plano, Texas **Jan 2018 - present**
Designed my own data science curriculum. Studied Python, data engineering, and machine learning full-time. Enrolled in master's program to develop software engineering skills.

- Created extensive projects with clustering, regression, and classification techniques using Jupyter, GitHub, and various Python packages.
- Deployed multiple Dockerized AWS servers to host machine learning environments and my own portfolio website.

Data Journalist Plano, Texas **Aug 2018 - present**
Published informative articles for top data-science publications. By delivering high-quality content, built a network of over two thousand subscribers.

- Published and featured in top analytics publications: freeCodeCamp(498k subscribers), KDNuggets (230k subscribers) and Towards Data Science (124k subscribers).
- Accomplished more than 250k story-views to date.

PERSONAL PROJECTS

Political Emotion Mapping (Freelance Project) **Nov 2018 - Present**
In collaboration with researchers at the University of Pennsylvania, used Twitter data to capture the effect of contentious political events on population-wide emotion levels.

- Designed scripts with Python to load and process millions of Twitter user histories.
- Classified emotion of Tweets using cutting-edge deep learning methods (LSTMs).
- Performed statistical analysis of pre/post populations to measure effect of events.

Analyzing 1.4 Million Medium Stories **Oct 2018**
Collected a massive dataset of stories from Medium.com. Used this data to create a performance metric for authors to compare their reader-engagement to that of similar authors.

- Scraped data from 1.4 million Medium stories, roughly 13% of story-volume of 2016.
- Created a topic-based performance metric to compare reader-engagement of similar stories.