

Harrison S. Jansma
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PROFESSIONAL SUMMARY

Data Scientist • Machine Learning Engineer
Python • MySQL • LINUX • Scikit-Learn/Keras • Jupyter Notebook
Self-Taught • Magna Cum Laude • Published Data Journalist • Highly Motivated

WORK EXPERIENCE

Self-taught Data Scientist Plano, Texas **Jan 2018 - present**

Studied data science full-time. Self-regulated curriculum. Dedicated 6-8 hours daily to study.

- Published multiple data science articles on Medium with 4k combined reads.
- Practiced Python programming daily for nine months.
- Created extensive write-ups for nine machine learning projects (published on GitHub).
- Deployed portfolio website to a Linux server using SSH, git, and Apache.
- Created a MySQL database with REST endpoints for portfolio website.

PERSONAL PROJECTS

Dropout in Convolutional Neural Networks **Aug 15, 2018**

Posted Medium article detailing best practices for neural networks in image recognition.

- Created experiment confirming CNNs built this way nearly doubled accuracy.
- Reposted in KD Nuggets, a data science website boasting over 230k subscribers.
- Published in Towards Data Science, with 1.5k reads in the first 24 hours.

Clustering Mental Health **May 23, 2018**

Clustered responses of a mental health survey of the tech industry into five groups.

- Trained two clustering algorithms and visualized performance with silhouette plots.
- Visualized data clusters with 2D and 3D projections (PCA).

Apple Sentiment Analysis **June 20, 2018**

Modeled Twitter data using Bag-of-Words and logistic regression to predict sentiment.

- Tuned model, decreasing logistic regression prediction error by 15%.

EDUCATION

The University of Texas at Dallas **Aug 2019 – 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)
- Published Thesis