

Adam Swan

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Objective: I am a data scientist who seeks to make the world a better place through exploration and analysis. My years of experience in teaching have equipped me with the resilience and compassion to communicate new ideas effectively and foster a positive team focused environment.

Skills: Python, Pandas, Matplotlib, Seaborn, NumPy, Scikit-learn, SciPy, BeautifulSoup, Request, Git, Github, Keras, Tensorflow, and PySpark.

Projects:

1. Exploring Median Household Income and Impact on ACT & SAT Scores
2. Predicting Housing Prices in Ames, IA Using Linear Regression
3. Subreddit Post Origin Classification
4. Predicting Forest Fire Probability in California
5. Vegetable Recommender and Water Usage Estimator Apps

Experience

Assistant Director of Bands

2014-2021

Pflugerville High School (August 2019 - June 2021), *Pflugerville Middle School* (August 2018 - August 2019), *Brazoswood High School*, (August 2014 - 2018)

- Planned, scheduled, coordinated, and executed 50 rehearsals for over 60 students per month leading up to community performances and state evaluations
- Performed 3-4 informational presentations annually to recruit and attract prospective stakeholders.
- Educated students daily on new skills - playing their instruments from square one, maintaining equipment, and working effectively within a team.
- Led fellow educators in expanding and diversifying teaching strategies to better reach and connect with our students through
- Managed a budget of \$200,000 to ensure student's needs were met.
- Responsible for maintenance and allocation of \$750,000 worth of equipment and inventory.

Education

General Assembly - Data Science Immersive

Austin, TX

- 12-week Data Science intensive to develop skills using Python and its many libraries to effectively visualize, analyze, and model data from linear regressions and classification problems to advanced image classification using neural networks.

August 2021 - October 2021

Ohio University - Bachelors of Music Education

Athens, OH

August 2008 - December 2013