

Sara Marie Simoes

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SUMMARY

Enthusiastic data scientist excited for a career in data visualizations and web design. Over 10 years of experience meeting deadlines and delivering quality products in a fast-paced and changing work environment. Graduated from the University of Rhode Island with a Bachelor of Science Textile Science, Marketing & Design and have recently completed an intensive data science bootcamp at Rutgers University. Able to work independently as well as in a collaborative environment. Highly organized and data driven. Fast Learner and strong communicator. Skilled in Python, SQL, Javascript, HTML, and Tableau. Excited to compile and organize data in a comprehensive way to help bring the data to life and tell its story.

Extremely committed to Disney and the Disney lifestyle. Live and breath Disney and would LOVE to be a part of the story. Disney Customer. Disney Fan. Disney Lover.

TECHNICAL EXPERTISE

- **Python Programing:** Python 3, NumPy, Pandas, Matplotlib, Scipy, Selenium, Splinter, Flask, API Interactions
- **Data Visualization:** Tableau, Matplotlib, JavaScript, D3.js, HTML, Plotly, Geomapping with Leaflet.js, VBA, Excel
- **Databases:** PostgreSQL, MongoDB, AWS
- **Machine Learning:** Scikit-learn, Keras, Tensorflow, NLP
- **Big Data:** Hadoop, PySpark
- **Tools:** Git, GitHub, CLI, Jupyter Notebook, Google Colab, AWS
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PROJECTS

Machine Learning- Emotion Predictor: Machine Learning model trained and tested with a random forest model to predict primary emotion based on input audio file. Data cleaned and trained in a Jupyter Notebook using Pandas and Librosa. Results Visualized using Pandas, Tableau and JavaScript functions with bootstrap in a dynamic HTML website.

Deployed to Heroku Server: voice-emotion.herokuapp.com

GitHub: tinyurl.com/uaca9xm

Cocktail Creator- Full Stack App: Worked collaboratively to create an interactive website displaying information on popular cocktail recipes. Gathered data from csv files as well as web scraped data from google articles. Explored and cleaned data using Pandas in a Jupyter Notebook. Designed a database in PostgreSQL to store data. Created a website using Bootstrap HTML/CSS and interactive visualizations using multiple Javascript libraries including Plotly, Geomapping with Leaflet.js.

Deployed to Heroku Server: tinyurl.com/vu8rpcx2

GitHub: tinyurl.com/7gvyqkbt

Weather Visualization HTML: Designed a responsive website using Bootstrap HTML and CSS to display climate data visualizations made in Python using Pandas, Matplotlib, API Request calls, and Google Maps API in a Jupyter Notebook.

Published to GitHub Pages: tinyurl.com/13av7ft6

GitHub: tinyurl.com/wec7ir11