

# Sara Marie Simoes

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## PROFILE SUMMARY

- Data Analyst possessing team leader, hardworking, collaborative, motivated, detail-oriented expertises
- Able to multitask and be efficient in a fast paced and changing work environment
- Proficient in Product Lifecycle Management (PLM) systems

## TECHNICAL EXPERTISE

- **Python Programing:** Python 3, NumPy, Pandas, Matplotlib, Scipy, Selenium, Splinter, Flask, API Interactions
- **Data Visualization:** Tableau, Matplotlib, JavaScript, D3.js, 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

## PROJECTS

**Cocktail Creator- Full Stack App:** Worked collaboratively to create an interactive website on wine. to Scraped data from wherever and got data from wherever else. Explored and cleaned data using Pandas in a Jupyter Notebook. Designed a database in PostgrSQL to store data. Created a website using Bootstrap HTML and CSS and interactive visualizations using multiple Javascript libraries including Plotly Leaflet Geomapping.

Deployed to Heroku Server: [tinyurl.com/vu8rpcx2](https://tinyurl.com/vu8rpcx2)

GitHub: [tinyurl.com/7gvyqkbt](https://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](https://tinyurl.com/13av7ft6)

GitHub: [tinyurl.com/wec7ir11](https://tinyurl.com/wec7ir11)

**Plotly Dashboard:** Created an interactive dashboard featuring Plotly visualizations in JavaScript using data from a Belly Button Biodiversity DataSet, using BootstrapHTML and css.

Published to GitHub Pages: [tinyurl.com/1xl0cv63](https://tinyurl.com/1xl0cv63)

GitHub: [tinyurl.com/22vo9p5c](https://tinyurl.com/22vo9p5c)

## WORK EXPERIENCE

Gap Inc, New York, NY

**Manager Raw Materials/Fabric R&D -Male Gender Knits, Sweaters & Active**

March 2018 - Present

- Evaluate test reports and advise risk assessments of fabrics based on their style and end use
- Explore and develop sustainable options of existing core fabrics to reach company sustainability goals

Macy's Merchandising Group, New York, NY

**Manager Raw Materials/Fabric R&D - Private Label Brands**

August 2009 - February 2018

- Managed team of direct reports supporting 6 private label brands
- Negotiated and leveraged fabric orders across MMG brands to reduce fabric cost and increase margin
- Developed a vendor/mill database for efficient and accurate fabric sourcing

## EDUCATION

- *Certificate in Data Analytics & Visualization Rutgers University*
- *B.A in Textiles, Fashion Merchandising, and Design, University Of Rhode Island* Kingston, RI
  - *Magna Cum Laude, Dean's List*
- *Study Abroad- University of Westminster, London & Lorenzo De Medici* Florence, Italy

\*\* References available upon request \*\*