

MARIA VALDES

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Portfolio: <https://mvaldes27.github.io/devportfolio/>

SUMMARY

Recent graduate of the esteemed Georgia Tech Data Science and Analytics Boot Camp ready to tackle complex problems with data-driven analysis. Brings unique experience as a performing artist into the Data Science realm, with the ability to explain complex concepts to a non-technical audience. Thrives on team settings, with extensive experience collaborating remotely. Approaches troubleshooting with patience and curiosity. Unique ability to quickly grasp complex concepts and systems, and a drive to continually evolve technical skills to meet the demands of emerging technologies.

TECHNICAL SKILLS

Tools: Python, JavaScript, REST APIs, HTML5, CSS, Plotly, Leaflet, Tableau, Machine Learning

Databases: PostgreSQL, MongoDB

EDUCATION

Data Science and Analytics Boot Camp Certificate: Georgia Institute of Technology, Atlanta, GA 2020-2021

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

Adler Fellowship: San Francisco Opera, San Francisco, CA 2014-2016

Multi-year performance-oriented residency for opera's most promising young artists.

Bachelor of Music: Georgia State University, Atlanta, GA 2008-2012

A 4-year comprehensive program focused on preparing students for careers in the field of opera, and for the teaching of advanced students. Strong emphasis on language mastery including French, Italian, Spanish, and German.

- GPA 4.22

WORK HISTORY

Professional Opera Singer 2012- Present
Maria Valdes Soprano LLC Atlanta, GA

- Perform in a variety of musical settings and languages, both locally and internationally
- Memorize large amounts of information
- Adapt quickly to new work environments
- Engage with up to 4,000 audience members

Relevant Skills:

- High emotional intelligence and intellectual horsepower
- Ability to solve problems in realtime high-pressure collaborative situations
- Aptitude for synthesizing complex and varied information
- Ability to give and receive constructive criticism for quality assurance
- Maintain communication with teams on projects that require several years of planning
- Self-motivated and adept at meeting deadlines and deliverables
- Exceptional ability to multitask with attention to detail
- Collaborate at a high level with changing teams and environments
- Constant commitment to delivering critically acclaimed, high quality output
- Negotiate details of contracts, including payment, scheduling, and liabilities

PROJECTS

Gas Price Interactive Dashboard | https://github.com/jzhao0626/Project02_GasPrice_Analysis

- This repository contains an interactive dashboard that analyzes historical data to better understand gas price trends in the United States.
- Tools / languages utilized:
- Back-end: Python, Pandas, API, Jupyter notebook, Flask, MongoDB
- Front-end: HTML, CSS, Javascript, Chart.js, Leaflet, Plotly

Gender Parity Website | <https://kellyf22-final-project.herokuapp.com>

- This repository contains an interactive dashboard that explores various aspects of female participation in the workforce, internationally and within the United States.
- Tools / languages utilized:
- Back-end: Python, Pandas, API, Jupyter notebook, Flask, PostgreSQL, Machine Learning, Graphviz, Joblib, Pickle
- Front-end: HTML, CSS, Javascript, Tableau, Leaflet, Heroku
- https://github.com/miheep8938/female_participation_in_leadership

SQL Employee Data | <https://github.com/mvaldes27/sql-challenge>

- This repository contains an ERD of the database design, as well as table schemata and queries that will display the answers to specific questions about the database.
- There is also a Jupyter notebook of visualizations and analysis performed with SQLAlchemy and Pandas/Matplotlib.
- Tools / languages utilized: PostgreSQL, pgAdmin4, Pandas

Key Accomplishments:

- Appearances with San Francisco Opera, Atlanta Symphony, Houston Grand Opera, Atlanta Opera, Lyric Opera of Chicago, New York City Opera, among others.
- Full biography on website: www.mariavaldessoprano.com