

# MARIA VALDES

Atlanta, GA 30309

Phone: 404-510-0881 | Email: [maria.v.valdes@gmail.com](mailto:maria.v.valdes@gmail.com)

LinkedIn: [www.linkedin.com/in/mariavvaldes](https://www.linkedin.com/in/mariavvaldes) | GitHub: <https://github.com/mvaldes27>

## SUMMARY

I have spent the majority of my career as a professional opera singer and bring my unique experience as a storyteller into the Data Science realm. I am currently enrolled in the esteemed Georgia Tech Data Science and Analytics Boot Camp am especially interested in using my skills to enhance decision-making and technological advances within the music industry and private sector. I thrive in team settings that require multitasking, and approach troubleshooting with patience and curiosity. I have a unique ability to quickly grasp complex concepts and systems, and a drive to continually evolve my technical skills to meet the demands of emerging technologies.

## TECHNICAL SKILLS

**Tools:** Python, JavaScript, SQLAlchemy, APIs, HTML5, CSS, Advanced Excel

**Databases:** PostgreSQL, MongoDB

## EDUCATION

**Data Science and Analytics Boot Camp Certificate: Georgia Institute of Technology,**  
Atlanta, GA – *currently enrolled*

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:

- Results-oriented
- Conscientious about deadlines and deliverables
- 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
- Exceptional ability to multi-task
- Collaborate at a high level with changing teams and environments
- Constant commitment to delivering critically acclaimed, high quality output
- Willingness to quickly learn new database and programming technologies

## PROJECTS

### Web Scraping Application | <https://github.com/mvaldes27/web-scraping-challenge>

- This repository contains a web application that scrapes several websites for data related to the Mission to Mars and shows the information in a single HTML page.
- Tools / languages utilized: Jupyter, Python, Pandas, BeautifulSoup, Splinter, MongoDB, Flask, HTML, CSS

### Climate Analysis and Flask API | [https://github.com/mvaldes27/sql\\_alchemy\\_challenge](https://github.com/mvaldes27/sql_alchemy_challenge)

- This repository uses Python, SQLAlchemy, ORM queries, Pandas, and Matplotlib to perform climate analysis of a database of Hawaii Weather.
- Tools / languages utilized: Python, Flask API, SQL

### 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](http://www.mariavaldessoprano.com)