

# Jose Marquez

## Data Scientist and Engineer

📍 Mary Esther, Florida ✉ jose@josemarquez.tech ☎ 2102699260 🌐 josemarquez.tech 🔄 jose-marquez89 in jose-marquez89  
🐦 jlmarquez89

### SKILLS

**Programming Languages** (Python, C, SQL, HTML, CSS)

**Data Analysis and Visualization** (Pandas, Matplotlib, Numpy, Plotly, Seaborn)

**Machine and Deep Learning** (Scikit-Learn, spaCy, Gensim, Scikit-Image, Tensorflow, Keras)

**Web Frameworks and Services** (Flask, Docker, PostgreSQL, MongoDB, Heroku, AWS (Elastic Beanstalk, RDS, S3, Route 53), Bootstrap)

### PROFESSIONAL EXPERIENCE

#### Six Flags Inc.

Co-Director of Music

01/2011 – 11/2019 | San Antonio, TX, United States

- Auditioned and secured the post of lead guitarist and auxiliary vocalist/bassist in San Antonio's foremost entertainment park
- Quickly ascended to Co-Director of Music by forming positive relationships and showing outstanding work ethic
- Additionally learned Dobro, Banjo, Mandolin and Keyboards for a total of 7 instruments played in service to the company
- Maintained and developed a professional touring guitar equipment system
- Produced high quality audio tracks and notated music using industry standard software in a fast-paced high-pressure entertainment environment
- Responsible for asserting band show readiness within 3-4 weeks
- Upheld personal responsibility and accountability for individual instrumental parts
- Introduced more efficient rehearsal methods that expedited the readiness process
- Performed for thousands of Six Flags Fiesta Texas guests and provided an exciting and engaging patron experience

### EDUCATION

#### Lambda School

Data Science

12/2019 – 10/2020 | San Francisco, CA

Completed an intensive 9 month Data and Computer Science curriculum with emphasis on the Python programming language, Data Analysis, Processing, Visualization and Machine Learning. Gained mastery over essential skills within the paradigm of data science, software engineering and team collaboration while immersed in real-world applications of the targeted skills.

#### San Antonio College

Associate of Arts

01/2010 – 05/2012 | San Antonio, TX

Gained a formidable skill set in Music Theory, Performance, Ear Training and History during a completely immersive education experience at San Antonio College, a leader in music education in the city of San Antonio, TX. Served as lead guitarist in the SAC Jazz Ensemble as well as the Palo Alto College Jazz ensemble. Learned transferable skills such as persistence, patience, resoluteness and methodical approaches to solving technical problems.

### PROFILE

Experienced Python programmer, skilled in creating data solutions that allow companies to execute on critical internal decisions and fulfill user needs. Versed in:

- Data analysis and visualization with Python
- Deployment of machine learning solutions
- Relational and non-relational database interaction
- Agile and Git workflows
- Cloud platform services such as AWS
- Implementation of deep learning solutions
- Quick acquisition of new skills, languages and frameworks for the task at hand
- End-to-end remote collaboration

### PROJECTS

#### Readrr

Data Scientist, Deployment Manager

04/2020 – 06/2020

- Developed book title search engine, collaborative and content-based filtering for primary recommendation engine using Scikit-Learn and Python
- Gathered, cleaned and processed necessary data for machine learning processes with Python and Pandas
- Collaborated with 3 other data scientists, focusing on planning, execution, and improvements as a team
- Built Flask API routes and functions
- Managed API deployment to Amazon Web Services using Docker
- Maintained GitHub repositories: main [🔗](#) | alternate [🔗](#)

#### MedCab

Primary Data Engineer

03/2020

- Developed Flask API to serve medicinal strain recommendations to an alternative medicine website [🔗](#)
- Collaborated with machine learning team and web development team to serve content based filtering recommendations, completed in less than one week
- Managed PostgreSQL database population
- Deployed API to cloud PaaS (Heroku)
- GitHub Repositories: main [🔗](#) | alternate [🔗](#)