

# Jean Carlos Medina

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Portfolio: <https://jcmadinag.github.io/Portfolio>

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## Professional Summary

Data Analyst with more than 10 years of professional experience, and a strong knowledge of statistical methods, data gathering and analysis. Awarded with a certification in Data Analytics and Visualization Bootcamp at UCF where I learned new programming, and visualization tools that I am comfortable with like Excel, Python, SQL, R, and Tableau. Proven technical and leadership abilities in data warehousing, data healthcare, and data management environments. Data has always been a passion for me and nowadays we are living the boom of data analytics and visualization and I will continue to explore data related tools in the future.

### Technical Skills:

**Programming and Software:** Python, R, Excel, JavaScript, Pandas, Matplotlib, Tableau, Power Bi, Microsoft Project, Visio, Office, Surfer, Plotly.

**Databases:** MySQL, MongoDB.

**Version Control:** GitHub, Git.

**Data Skills:** Mining, Processing, Cleaning, Modeling, Visualization, ETL.

**Other Skills:** Preventive Maintenance, Logistics, Safety and Health, and Operations Management.

### Projects:

- **Plotly.js-Project:** This is an interactive dashboard to explore the Belly Button Biodiversity Dataset, a project created using JavaScript and Plotly and hosted in Heroku which it is very helpful to deploy projects. <https://resi360.herokuapp.com/>
- **Leaflet.js-Project:** A visualization dashboard showing all earthquakes from the past 7 days. The project was created using JavaScript, Leaflet.js and hosting it in GitHub. <https://jcmadinag.github.io/Leaflet.js-Project>
- **HTML-Project:** A website using HTML and CSS where we can visualize weather data, these pages will contain the visualizations and their corresponding explanations. We also have a landing page, a page where we can see a comparison of all of the plots, and another page where we can view the data used to build them. <https://jcmadinag.github.io/Web-Project/>

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## Experience

### Lincoln Property Company • Orlando, FL.

Building Engineer

2017–Present

Accomplishments:

- ✓ Took part in designing a preventive maintenance plan for identification of needed repairs or actions required to prevent damage to equipment and structures using analytics tools like Tableau and Excel.

### Diamond Resorts International • Orlando, FL.

Engineering Technician

2015–2017

Accomplishments:

- ✓ Made significant contribution in improving safety levels of the workplace, particularly in relation to chemicals and several dangerous goods using databases, and Excel to analyze improvement over the years.

### Maracaibo Polyclinic • Maracaibo, Venezuela

Safety and Health Engineer

2013-2015

Accomplishments:

- ✓ Succeeded in formulating a contingency plan to address emergency cases at the clinic using Microsoft Project, Excel and Visio.

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## Education

**Data Analytics and Visualization Boot Camp:** February 2019

University of Central Florida • Orlando, Florida

**Bachelor of Science in Industrial Engineering:** 2013

RAFAEL URDANETA UNIVERSITY • Maracaibo, Venezuela

**Associate of Science in Geology:** 2005

UNIVERSITY OF TECHNOLOGY • Maracaibo, Venezuela