



Jonathan Molina Rivera

DATA SCIENTIST JR.

PERSONAL AND CONTACT INFO

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CURRICULUM VITAE

PROFESIONAL EXPERIENCE

Magnetic Resonance and Ultrasound Engineer

Suministro Para Uso Médico y Hospitalario | CURRENTLY

As a mid-level engineer, I participate in the maintenance of medical equipment, their databases and computer systems. I also participate in the data analysis and the maintenance of company data.

- Corrective and preventive maintenance of imaging and monitoring equipment (vital signs monitor, ultrasound, printers and UPS) throughout the republic.
- Data analysis for the generation of useful indicators in the evaluation of the productivity of the Magnetic Resonance and Ultrasound coordination.
- Evaluation of service efficiency, response time, and incidents
- Coordination with mid and high level government servants and medical professionals to provide the National Health Systems of Mexico with quality medical imaging systems.

Biomedical Engineer

Instituto Mexicano del Seguro Social, Hospital de Especialidades

Antonio Fraga Mouret | April 2017 - April 2019

For two years I passionately participated in the data analysis, administration, maintenance, evaluation and management of medical equipment and systems, providing a quality service to the patient.

- Creation and maintenance of databases, inventories, and records of medical equipment, consumables, and supplies; generating important data to improve the quality of medical care.
- Information analysis generating recommendations to increase quality of care and improve administrative processes within the institution.
- Creation of models and usage data of equipment in different areas.
- Implementation of RFID-RTLS project to prevent more than \$ 1,000,000.00 in burdensome expense to the hospital.

Sales

La Fe distribuidora | February 2016 - June 2019

- Sales data analysis to maximize product quality, customer satisfaction, company prospects, and profits.
- Coordination with partners and guild members for sales and co-promotion strategies.
- Direct sale to customers: individuals, supermarkets, restaurants, hotels and other organizations.
- Participation with business partners and other collaborators to identify specific points of sale and target populations.
- Responsible for the infrastructure and logistics for the sale of the different products.
- Organization of schedules, product life cycles, transportation, organization of other team members, etc.

Chief Coordinator

Colectivo TI | January 2012 - November 2015

General coordinator in charge of managing the actions necessary for the realization of concerts / events for ~ 5,000 people

- Promotions: graphic design, marketing, promotional events, social media, and launching promotional content.
- Sales: organization of equipment and sales positions, obtaining capital, product evaluation, closing deals with suppliers.
- Venue: bookings, environment control, logistics and security.
- Planning and execution of task calendars (Project managing)

EDUCATION

INSTITUTO POLITÉCNICO NACIONAL

Licenciatura en Ingeniería biomédica

- Studied in the Unidad Profesional Interdisciplinaria de Biotecnología de 2014 - 2019.

COURSES AND BOOTCAMPS:

- "Data Science A-Z™: Real-Life Data Science"
- "Python for Data Science and Machine Learning Bootcamp"
- "Complete Python Bootcamp: Go from zero to hero in Python 3"

PROFESSIONAL SKILLS

- **Tableau:** Data mining, visualization, and modeling.
- **Python:** NumPy, Pandas, Seaborn, Matplotlib, Plotly, Pickle, Scikit-Learn, Keras, TensorFlow, PYTORCH. IDE: Pycharm, Anaconda.
- **R (R STUDIO):** visualization, Statistical Analysis in Business, GGPlot2.
- **DATA SCIENCE:** SQL, statistics, BI Tools, Robust Geodemographic Segmentation, Cumulative Accuracy Profile, ETL, etc.

OTHER COURSES:

- "R Programming: Advanced Analytics In R For Data Science"
- "The Data Science Course 2020: Complete Data Science Bootcamp"

ADDITIONAL INFORMATION

- **Expert English level, (C2, MCERL; Proficiency, Cambridge).**
- Availability to travel inside and outside the republic.
- Valid passport, driver's license type A..
- Other Languages: CSS, HTML, JS, and, MatLab.
- Experience with project management programs (MS Project, Monday, SmartGantt, LucidChart). Use of ERP platforms
- OTHER TOOLS: Greta, BI TOOLS, Jupyter Notebooks, Advanced Excel, Sublime Text.

PROFILE

I'm a professional with experience in distinct technical and administrative areas, including that of biomedical engineering. I have aptitude for data analysis and visualization through Python, machine and deep learning. I'm a veteran in the sales of distinct products and services of different species to individuals and corporations. I have experience in medium scale project management and coordination between teams. I have had people under my command, employees on my payroll and I have worked other individuals; I have been a leader and I know how to be an effective employee.