

Natalí Velasquez

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Education

MBA – DATA ANALYTICS Saint Leo University.	Currently
SYSTEMS ENGINEER UNAD.	Sep 2018
PROGRAMMER – ICT MISSION 2022 El Bosque University.	Dec 2021
DATA SCIENTIST – DS4A Correlation One.	Nov 2020
MANAGING BIGDATA WITH MySQL Coursera – Duke University.	Oct 2020
SQL FOR DATA SCIENCE Coursera – UC Davis.	Oct 2020

Technical Skills

Programming: Python, MySQL, SQL, PostgreSQL, MongoDB.

Data Analyst: Streamlit, Matplotlib, Plotly, Seaborn, Looker Studio, NumPy, SciPy, Pandas.

Relevant Experience

CORRELATION ONE

Teaching Assistant

Nov 2022 - Dec 2022

- Facilitated 25 teams in developing applied projects, affirming progress with weekly attendance & engagement reports.
- Mentored students on data science fundamentals, such as Python language & environments, leading successful completion of course material.
- Reviewed and evaluated student activities with 92% accuracy and notable assessment improvements among the mentor program population.
- Delivered active workshops for Fundamental Data Analysis Colombia Project participants to increase comprehension of course material by 15%.

UNIVERSIDAD DE ANTIOQUIA

Professor

May 2021 - Nov 2022

- Delivered new curriculums of Python, Java, Relational and Non-Relational Databases, Agile Methodologies, and MERN Stack to a 152-person student cohort for the TIC Mission 2022.
- Spearheaded pedagogic strategies resulting in successful cycle 1 and 2 completion from 78% of the students.
- Guided students in implementing Agile methodologies to successfully realize cycle 3 & 4 projects across 44 teams.
- Optimized learning outcomes by providing individualized guidance & mentorship to 8 disadvantaged students throughout their entire educational pathway.

CORRELATION ONE

Teaching Assistant

Mar 2022 - Aug 2022

- Conducted weekly meetings, presenting modules and extended cases to ~85 students while facilitating a collaborative learning environment.
- Reviewed activities & assessments of 8 student teams, providing constructive feedback and reinforcing concepts/tools utilized in Data Science.
- Maintained a high attendance rate of 95%, intervening promptly when non-attendance was detected and offering guidance & support to ensure the success of education initiatives.
- Evaluated activities for all students, grading performance with 100% accuracy according to established criteria and ensuring adherence to Program policies.
- Oversaw the development progress of practical projects from each team, championing student collaboration from conception to completion.

MEDICONTROL SAS

Systems and Development Engineer

Aug 2016 - Feb 2022

- Integrated automated technologies to accelerate billing processes, leading to a 95% reduction in paperwork and a 60% improvement in workflow efficiency.
- Developed software applications in Python, Java, JQuery & PHP to support data analysis & collection for XX units across the Municipality of Cúcuta, increasing process veracity by 35%.
- Oversaw deploying new systems and development initiatives to ensure compliance with health regulations and optimize management procedures while mentoring 10+ staff.

Language Skills

Languages: Fluent in English and Spanish.