

JUAN JOSÉ ESCORCIA GONZÁLEZ

Mathematician & Data Scientist

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Barranquilla, Atlántico

juanjeg

pansito



ABOUT ME

Multidisciplinary mathematician with passion for data science, machine learning, research, education, and photography; with Leadership and co-operation skills to work in groups and manage them, with good logical thinking for optimal problem solving and love for always seeking to innovate through new ideas and new methodologies. I also have knowledge about teaching methods or educational models, and curriculum design for E-learning, B-learning and regular classes.

EXPERIENCE

Data Scientist

Atlantic Quantum Innovations

January 2022 - Ongoing

Barranquilla, Atlántico

- Manage multiple projects for different clients.
- schedule meetings with stakeholders and clients, to establish the project to develop and also to provide solutions, and share insights and information.
- collect, analyze and clean data using data wrangling process.
- deploy statistical analysis and machine learning models.
- Create visualizations and presentations using Power BI and Tableau.

Live Feed Data Analyst

Genius sports

March 2021 - May 2021

Medellin, Antioquia

- Collect, analyze and manage real time data.
- Create reports about every procedure made in order to protect sports selling Markets.
- Recognize and protect sports selling markets against untruthful information.

Tutor Especializado

Universidad del Norte

January 2017 - November 2019

Barranquilla, Atlántico

- I helped to improve the grades of students in academic risk status.
- I gave different study methods and personalized teaching for students with learning troubles.
- I taught students how to learn by themselves and also to manage stress

EDUCATION/COURSES

M.Ed. Communication and Information Technologies

Universidad del Norte

February 2021 - Ongoing

B.S. in Mathematics

Universidad del Norte

January 2016 - November 2020

HONORS AWARDS



Ser Pilo Paga

Bs Scholarship



Ser Pilo Paga Profe

Mastery Scholarship



AWS & Udacity

Machine Learning Course Scholarship

SKILLS

Python

SQLServer

PostgreSQL

LaTeX

Power BI

Tableau

Java

Github

Java

Linux

Machine Learning

Neuronal Networks

Photoshop

Lightroom

Microsoft office

LANGUAGES

English

Spanish

Portuguese



RESEARCH/PROJECTS



Paper

SIDH Protocol an Introduction



Paper

Elliptic Curve Cryptography: The hidden Number Problem



Research

MCA: a look for a python implementation
Ongoing



Programs

Sentiment-Analyzer a Machine learning model
Ongoing

Data Science For All

[Correlation One and MinTic Colombia](#)

📅 March 2022-Ongoing

Google Data Analysis Professional Certificate

[Google & Coursera](#)

📅 Ongoing

Introduction to Python

[DataCamp](#)

📅 September 2021

SQL for Data Science

[Coursera](#)

September 2021

Data Analysis with Python

[FreeCodeCamp](#)

📅 September 2021

Data Engineering for Everyone

[DataCamp](#)

📅 September 2021

👥 Conferences

- **Tercer Encuentro Matemático del Caribe**
Algebra, Education, Differential Equations, Graph Theory, Applied Statistic. (2021).
 - **6TH Encuentro Colombiano de Combinatoria**
Algebra, Combinatorics, Group Theory. (2018).
 - **Iwasawa Theory**
Iwasawa theory, Cohomology and Number Theory. (2018).
 - **XXI Colombian Mathematical Congress**
Algebra, Mathematical analysis, Math History. (2017).
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✍️ Research Interest

- **Algebra.** (High Dimensional Spaces, quantum computing).
- **Combinatorics.** (Polytopes, tropical Geometry, Tropical Algebra).
- **Machine Learning.** (Neuronal Networks, Deep learning, AI).