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, Atlantico

- 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
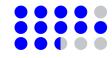
HONORS AWARDS

⭐ **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
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 Enginering 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).