

# Wilson Eduardo Jerez Hernández

*B.Sc. in Mathematics — Data Scientist — Financial Analyst*

## PERSONAL DETAILS

<i>Date of Birth</i>	May 11, 2001
<i>Address</i>	CL 75 \80B-20, Bogotá DC, Colombia
<i>Phone</i>	+57 300-392-6817
<i>GitHub</i>	github.com/wilwil186
<i>Email</i>	edujerezwilson@gmail.com
<i>LinkedIn</i>	linkedin.com/in/wilson-eduardo-jerez-hernández-833858206

## PROFESSIONAL PROFILE

I am passionate about technology and data science, with a strong background in mathematics and experience in data analysis, modeling, and machine learning. I possess skills in programming and database management, enabling me to develop innovative solutions for complex problems. My focus is on continuous improvement and the application of the latest technologies to add value to challenging projects. I enjoy teamwork and collaborating in multidisciplinary environments to achieve common goals.

## EXPERIENCE

### Data Scientist

Jul. 2024 - Jan. 2025

*BBVA, Bogotá, Colombia*

- Implemented Natural Language Processing (NLP) techniques to extract valuable information from unstructured data.
- Developed automation scripts, optimizing data extraction and cleaning processes.
- Analyzed large datasets using Apache Spark, building machine learning models to predict financial trends.
- Designed interactive dashboards with tools like Tableau and Power BI to visualize data and communicate findings to stakeholders.
- Collaborated in multidisciplinary teams, integrating data analysis into business strategies to improve decision-making.

### Leader of Iprea Research Group

Aug. 2022 - Jul. 2024

*Universidad Distrital Francisco José de Caldas, Bogotá, Colombia*

- Led the Iprea Research Group, coordinating research activities and applied projects in statistics.
- Guided members in applying statistical concepts, from data analysis to predictive model implementation.
- Organized and facilitated training sessions and workshops to enhance technical and teamwork skills.
- Led projects that applied statistical techniques to solve real-world problems, promoting innovation and collaboration.

### GitHub Projects

2020 - Present

*Personal GitHub Profile*

- Developed projects in Python, R, and Go focused on data analysis, machine learning, and software development.
- Utilized Git and GitHub for version control and collaboration on open-source projects.
- Implemented machine learning algorithms for data prediction and classification.
- Created interactive visualizations and dashboards to present results.

- Documented each project in detail to facilitate understanding and reuse by other developers.

## EDUCATION

### B.Sc. in Mathematics

2019 - 2024

*Universidad Distrital Francisco José de Caldas*

Specialization in calculus, algebra, statistics, and geometry, applying this knowledge to problem-solving and mathematical modeling. Participated in research projects and developed mathematical models for practical applications.

## LICENSES AND CERTIFICATIONS

- **Financial Analyst**

*Platzi*

Issued: Jan. 2025

- **AI Tools for Programmers**

*Platzi*

Issued: Dec. 2024

- **Introduction to AWS: Cloud Concepts**

*LinkedIn*

Issued: Nov. 2024

**Skills:** Amazon Web Services (AWS)

- **AWS Cloud Practitioner Essentials**

*Amazon Web Services (AWS)*

Issued: Oct. 2024

- **Natural Language Processing with Classification and Vector Spaces**

*DeepLearning.AI*

Issued: Oct. 2024

- **Prompt Engineering: Learn to Interact with Generative AI**

*LinkedIn*

Issued: Oct. 2024

**Skills:** Prompt Engineering

- **GNU Linux Systems**

*Universidad Distrital Francisco José de Caldas*

Issued: Sep. 2024

- **Portuguese for Spanish Speakers**

*Platzi*

Issued: Sep. 2023

- **Participation in the First Caldas Mathematics Congress – CACOMA**

*Universidad de Caldas*

Issued: Aug. 2023

- **Certificate XXIII CCM UPTC - Tunja**

*Colombian Mathematical Society*

Issued: Jun. 2023

- **Blockchain and Cryptocurrency School**

*Platzi*

Issued: Jul. 2021

- **Science**

*Platzi*

Issued: Mar. 2021

## SKILLS

- **Programming Languages:** Python, R, Go.
- **Tools and Technologies:** Git, GitHub, Apache Spark, Tableau, Power BI.
- **Data Analysis:** Statistics, Machine Learning, Deep Learning, Exploratory Data Analysis, Data Visualization.
- **Office Tools:** Microsoft Office, Google Suite, L<sup>A</sup>T<sub>E</sub>X.
- **Languages:** Spanish (Native), English (Intermediate), Portuguese (Intermediate).

## ACADEMIC EVENTS

### XXIII CCM UPTC - Tunja

**2023**

*Attendee*

Participated as an attendee in the XXIII Colombian Mathematics Congress organized by UPTC in Tunja.

### First Caldas Mathematics Congress (CACOMA)

**2023**

*Speaker*

Gave a lecture titled *Cryptocurrency Prediction with Random Forest* in Manizales, contributing to strengthening mathematics studies in the region.

### First Science Week, Universidad Distrital

**2022**

*Participant*

Participated in the course *An Introduction to Machine Learning with R and Python* during the First Science Week at Universidad Distrital.