# STEFANO LACORAZZA

+57 311 2873140 | stefano.lacorazza@gmail.com |

LinkedIn: https://www.linkedin.com/in/stefano-lacorazza-developer/
Github: https://github.com/stefano-lacorazza
Portfolio: https://www.stefanolacorazza.com/

**Full-stack Developer • Data Science • Python Developer • Physicist • Mathematician**

## PROFESSIONAL PROFILE

As a full-stack developer, I bring a unique blend of expertise in physics, mathematics, and education to the realm of software development. With a strong foundation in analytical problem-solving cultivated through my academic journey, I excel at architecting innovative solutions that seamlessly integrate complex mathematical concepts into user-friendly interfaces. My experience in education has equipped me with the ability to communicate technical concepts effectively, making me adept at crafting intuitive UI within web applications. Leveraging a diverse skill set encompassing both front-end and back-end technologies, I am committed to delivering robust, scalable, and user-centric solutions that drive meaningful impact.

## TECHNICAL SKILLS

- Python
- R
- SQL
- Django
- Machine Learning
- Javascript
- Html
- DJango
- React
- Rust
- Java
- AWS

## PROFESSIONAL EXPERIENCE

**Eurocarga SAS.** Bogotá                                                                    **December 2022 -**
**Webapp Designer**

- Designed the user interface (UI) and user experience (UX) of the tracking web application to ensure usability, accessibility, and visual appeal.
- Collaborated with developers and other team members to align design goals with project requirements and technical constraints.
- Developed interactive prototypes to demonstrate the flow and functionality of the web application, allowing for user testing and feedback.

**Achievement:** Implemented a functioning website with web application where clients could track their shipments in real time and get daily updates of the products.

**Eurocarga SAS.** Bogotá                                                         **June 2022 - June 2023**
**Database Manager**

- Entered, extracted, and maintained shipment, customer, and product data in the database using SQL.
- Conducted maintenance and reduced redundancy in the database to improve its response speed.
- Ensured data reliability and accessibility using tools such as DB Browser, SQLite, and MySQL.

**Achievement:** Implemented optimization strategies that improved query speed by 50%, reducing the response time of the database system and enhancing operational efficiency.

**Fractal Monitorias.** Bogotá                                                    **June de 2013 - Present**

**Manager**

- Designed programs and pedagogical strategies to ensure students' proper learning in physics, calculus, linear algebra, probability, and statistics.
- Led the team of teachers by assigning the corresponding programs and guidelines to ensure the quality of education.

**Universidad de los Andes.** Bogotá                                              **June 2014 – June 2015**

*Linear Algebra Professor*

- Design and delivered theoretical and practical classes in Linear Algebra, presenting key concepts, theorems, and problem-solving methods.
- Offered individual or group tutoring sessions to assist students with difficulties in understanding concepts or problem-solving.
- Designed and graded exams, quizzes, and assignments to assess students' progress and understanding of the topics covered.

**Achievement:** Implemented effective pedagogical strategies to achieve a high percentage of passing students and an average grade above the historical course average.

**Universidad de los Andes.** Bogotá                                              **June 2013 - June 2014**

*Physics Professor*

- Taught students how to use analytical tools to interpret and draw conclusions from experimental data.
- Provided teaching content including examples and applications of relevant data analysis.
- Taught classes on data analysis techniques and methods applied to physics, including statistics, mathematical modeling, and computational techniques.
- Provided training on complex concepts of advanced physics, expressing them understandably for university-level students.

......................................................................................................................................................................

## Education

Universidad de los Andes - Colombia
Bachelor of Science in **Physics** · (June 2010 – June 2016)
Bachelor of Science in **Mathematics**· (June 2010 – June 2016)

......................................................................................................................................................................

## Certifications

- [Applied Data Science with Python Specialization](#) (5 courses)
- [Django for Everybody Specialization](#) (4 courses)
- [Python for Everybody Specialization](#) (5 courses)
- [Data Analysis with R Programming](#)
- [React by Meta](#)

......................................................................................................................................................................

## Languages

- Native spanish
- English (C1)
- Italian (B1)

**Publications**

- [Reconfiguración y pruebas del espectroscopio Espartaco](#)