

Brayan Alexander Muñoz Barrera

FullStack Developer - Data Scientist

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in <https://www.linkedin.com/in/balexandermunoz/> 🌐 <https://github.com/balexandermunoz>

🧠 SKILLS

Programming Languages:

Python, Javascript, SQL, MongoDB

Packages, frameworks and tools:

Django, Flask, PyTest, Pandas. HTML, CSS, Sass, React, Vue 3.0. Git. Github, VScode, Postgres, Scrum.

Languages:

Español (native), Inglés (Advanced)

Other skills:

Lover of problem-solving, test-driven development, and good documentation. Excellent coding practices, code readability, and agile practices.

📁 PROFESSIONAL EXPERIENCE

03/2023 – present	Pandas Contributor , <i>Pandas Open Source Project</i> 🌐 <ul style="list-style-type: none">• Successfully identified and resolved several bugs in the Pandas library by utilizing TDD practices.• Gained a deep understanding of the Pandas software architecture and how different components of the library interact with each other.• Implemented fixes for garbage collection (GC) issues, resulting in improved memory management and overall performance.
03/2022 – Present Remote	Python Developer , <i>guane Enterprises</i> 🌐 <ul style="list-style-type: none">• Automatizing contracts' information extraction for the maritime shipping industry.• Creating microservices for deploying machine learning models with containers.• Implementing pipelines for manipulating tabular data.• Improve system speed up to 20 times by refactoring the code to make it more efficient, consistent, and documented• Removing bugs from the code and refactoring the system at the customer's request
03/2022 – 07/2022 Remote	Data Scientist , <i>Correlation One</i> 🌐 <ul style="list-style-type: none">• Selected to participate in a 12-week data science Fellowship with learning facilitated through real-world data science business cases• Collaborated with a group of eight to answer the question: "How can Colombian schools reach higher SABER 11 test results?" using all data from tests conducted between 2000 and 2021, finding some key variables that schools can modify to improve on the test• Presentation of the results to an audience of 800 people, accompanied by a data portfolio and a web page 🌐 using React that visualizes the results in a way that is accessible to both technical and non-technical audiences
04/2020 – 04/2021 Medellín, Colombia	Fullstack Developer , <i>GFIF</i> <ul style="list-style-type: none">• Collaborate with an interdisciplinary group for the creation of a web page and a tool for the classification and detection of affectations in testimonies of violence• Analyze and process more than 500 testimonies on violence in Colombia• Create from scratch the help tool for testimonial classification and the backend of the website 🌐

🎓 EDUCATION

02/2016 – 11/2021	Bachelor of Sciences in Physics , <i>University of Antioquia</i> 🌐
02/2020 – 11/2020	Deep Learning specialization , <i>Coursera, DeepLearning.AI</i> 🌐
01/2021 – 11/2021	Natural Language processing specialization , <i>Coursera, DeepLearning.AI</i> 🌐
03/2022 – 07/2022	Data Science specialization , <i>Correlation One</i> 🌐