



ALEXANDER TRESPALACIOS

*Telecommunications Engineering
Software Developer*



Copacabana - Colombia



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<https://ijrios.github.io/>



<https://github.com/ijrios>

ABOUT ME

My academic background and experience are enhanced by strong skills in areas such as Machine Learning, supervised learning, cluster analysis, and software development. I am proficient in .NET and Python development, with expertise in Django Rest Framework, React.js, Python Flask, Selenium, and C#. Additionally, I have experience consuming APIs, building microservices, and working with SOAP and REST architectures. I also specialize in automation using Selenium and requests in Python, demonstrating my versatility and adaptability to tackle various technical challenges

PROJECTS

- CardioVigilant AI: Solution to the challenge chosen for the data science hackathon. – Flask Python, Machine Learning
- Systema IoT Retrofit Aquae Intelligentes Tank - Python
- Bookstore (Reviews - Reservations) – OOP Java
- Bancolombia Operational Excellence website - .Net MVC
- IoT Retrofit home automation control system for sliding windows.

LANGUAGES

| | |
|---------|-------------|
| Spanish | <div></div> |
| English | <div></div> |
| Latín | <div></div> |

SKILLS

| | |
|--------------|-------------|
| .NET | <div></div> |
| C# | <div></div> |
| Python | <div></div> |
| SQL | <div></div> |
| Mach. Learn. | <div></div> |
| React JS | <div></div> |
| Java | <div></div> |

WINNERS

HACKATHON DATA SCIENCE - FIRST PLACE:

«CardioVigilant_AI»

Institución Universitaria Pascual Bravo Y Ruta N

EDUCATION

2016 - 2024

Medellín, Colombia

Engineer's degree, Telecommunications Engineering

University of Medellín

EXPERIENCES

LAMBDA ANALYTICS S.A.S

Software Developer

August 2024 – Present

Medellín, Colombia

- Django Rest Framework, Python developer, Json API
- Process automation, Selenium, Request, Automation Anywhere
- React js, Node Js, Git and Postgresql
- Knime

BANCOLOMBIA

Engineer Intern

January 2024 – July 2024

Medellín, Colombia

- Net Developer - ASP.NET MVC and Layered architecture, C#, SQL
- Bank process automation, developer. Automate the monitoring and loading of Bancolombia's installed capacity and other projects

UNIVERSITY OF MEDELLIN

Academic Mentor

July 2023 – Dec 2023

Medellín, Colombia

- Development of machine learning processes in Python
- Digital holographic images applying image processing
- Convolutional neural network architecture with Python

REFERENCES

Jeeny Cuantindioy

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