



# ALEXANDER TRESPALACIOS

Telecommunications Engineering  
Junior Software Developer

- Copacabana - Colombia
- jrios714@soyudemedellin.edu.co
- +573108202461
- <https://ijrios.github.io/>
- <https://github.com/ijrios>

## ABOUT ME

My academic training and experience are enriched with solid skills in various areas such as Machine learning, supervised learning, cluster analysis, .NET developer, Python developer. Knowledgeable in Django Rest Framework, React Js, Python Flask, Selenium, C# and Java (SprintBoot and Console Application). Thus reflecting my versatility and adaptability to address technical challenges.

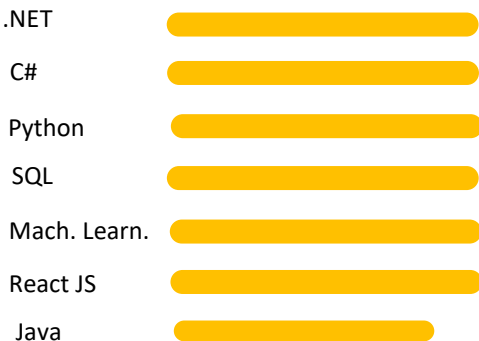
## PROJECTS

- 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



## SKILLS



## REFERENCES

Jeeny Cuantindioy  
Full-time Professor  
Phone: 3002503586  
E-mail: [Jenny.cuantindioy@udea.edu.co](mailto:Jenny.cuantindioy@udea.edu.co)

Mario Alberto Luna  
Full-time Professor  
Phone: 3002072673  
E-mail: [mluna@udem.com.co](mailto:mluna@udem.com.co)

Jakeline Ramos  
Session Boss  
Phone: 3016603239  
E-mail: [jaramos@bancolombia.com.co](mailto:jaramos@bancolombia.com.co)

Felix Aviléz  
Lawyer  
Phone: 3012944917  
E-mail: [felixavilez17@gmail.com](mailto:felixavilez17@gmail.com)

## EDUCATION

2016 - 2024  
Medellín, Colombia  
**Engineer's degree, Telecommunications Engineering**  
University of Medellín

## EXPERIENCES

**LAMBDA ANALYTICS S.A.S**  
Junior Software Developer  
August 2024 – Present  
Medellín, Colombia

- Django Rest Framework, Python developer
- Process automation, Selenium, Request
- React js, Git and Postgresql
- Knime

**BANCOLOMBIA**  
Engineer Intern  
January 2024 – August 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 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

## WINNERS

**HACKATHON DATA SCIENCE - FIRST PLACE: «CardioVigilant\_AI»**  
Institución Universitaria Pascual Bravo Y Ruta N