WILSON MANUEL ESTRADA ORTEGA

DESCRIPTION

I am a Systems Engineering student at the Universidad del Norte, with a deep inclination towards backend web development and data engineering. I have experience in developing web applications using Python with Flask and JavaScript with Nodejs. Additionally, I have worked with relational databases such as MySQL, container technologies like Docker, and I have knowledge of Azure cloud services. My expertise lies in the Python programming language, and I have worked with libraries such as scikit-learn, TensorFlow, pandas, numpy, and others related to the data realm. Additionally, I have knowledge of cross-platform development with Flutter, enabling me to create efficient mobile applications.

CONTACT INFORMATION

Date of Birth: 24-07-2003, Barranquilla/ Atlántico

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EDUCATION

2025	**Universidad del Norte**	**Barranquilla, Colombia**
	Systems engineering student.	
2020	**Biffi La Salle**	**Barranquilla, Colombia**
	High School Degree with an emphasis on mathematics.	

EXPERIENCE

June 2024 – November 2024	**Outlier (Remote, Freelance contract)** LLM Trainer • As a contributor to language model training, I participate in projects to enhance the quality of models in real-world situations. My work includes correcting and classifying prompts and responses, generating training data, and evaluating model performance. I measure metrics and provide feedback to refine AI outputs, ensuring high-quality and contextually relevant content.	**Barranquilla, Colombia**

January 2021 – December 2025	**Universidad del Norte (Educational experience)** **Barranquilla, Colombia**
	• Creation of a web application for a space query system, focused on the Universidad Del Norte. User credential management was done using Flask in Python, and efficient space visualization was achieved with JavaScript. • Creation of a linear regression project to predict blood glucose levels, evaluating various metrics from a dataset, using Scikit-learn in Python. • Participation in geophysics expo with the project "Electric Field Line Simulator" in Python, receiving an honorable mention. • Web chat application using Node.js and JavaScript, developed with WebSockets, allowing real-time communication. • Development of a project called "Diamond Price Prediction," where different architectures and neural network models were created using Scikit-learn in Python to predict diamond prices. • Development of an application focused on graph algorithm resolution in JavaScript, using Docker. • Image identification project using convolutional neural networks, training a model in Keras with TensorFlow in Python to distinguish between images of cats and dogs. • Development of the "My Best Self" app with Flutter, which tracks daily habits and allows users to monitor and improve their skills or habits through a gamification system, helping individuals improve their day-to-day performance. • Creation of a Telegram bot in Python to automate tasks related to Discrete Structures, enabling interactive problem-solving and calculations. • Development in Python of a dashboard using Streamlit and SQL to analyze crimes in Chicago, featuring 3D charts, advanced filters, geospatial visualization, and interactive tools.

COURSES

2024   *Course Microsoft Azure AI Fundamentals - Netec*

2024   *Course AWS Cloud Practitioner - Intelligent training*

2023   *Course of Introducción a la Nube con Azure – Platzi*

2022   *Course of Regresión Lineal con Python y scikit-learn – Platzi*

2022   *Course of Fundamentos de Python – Platzi*

2021   *Course of Introducción a Java SE – Platzi*

LANGUAGES

Spanish   Native

English   Intermediate level B1

REFERENCES

Wilson Estrada   Systems engineer. Barranquilla. Contact: 3106327379