Manuel Isaias Navarro Montealegre

Neiva ~ Colombia
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EDUCATION

USCO ~ Universidad Surcolombiana   **Neiva, Huila/CO**
Software Engineering   2021 - In progress

PROJECTS

UNIVERSITARIOS NEIVA, HUILA/COLOMBIA

- o Cholesterol Palace
  - This project is a web application called "Cholesterol Palace" that uses React, Tailwind CSS and Vite to display information related to a delicious but unhealthy food store.
  - Live Demo: https://palaciocolesterol.netlify.app
- o C/R Manager
  - Desktop-focused platform where customers can evaluate software quality using various models, generate risk matrices, and download reports in PDF format. Includes login and dynamic functionalities for evaluations.
  - Live demo: https://calidad-front.vercel.app
- o Intelligent Diagnostic System for Brown Spot Management in Rice Crops
  - Artificial vision project focused on the detection and classification of the "brown spot" disease in rice crops, using convolutional neural networks. The system combines image processing and deep learning techniques with libraries, achieving 99.45% detection accuracy with YOLOv11 and consistent results in the other models. This project has a significant impact on the agricultural sector, providing an effective tool to monitor and manage the progression of the disease, optimizing resources and improving the productivity of rice crops.

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SKILLS, ACTIVIDADES E INTERESSES

Languages: Native Spanish and English B2
Skills: HTML, CSS, Tailwind CSS, React, MongoDB, Python
Activities: Software engineering student, Project development.
Interests: Innovation, Continuous learning

Portfolio: https://manuel-navarro.netlify.app