JUAN COBO CELDRÁN

juancobo.net – jcoboceldran@gmail.com – linkedin.com/in/juan-cobo-celdrán/

EDUCATION

Carlos III University Madrid, Spain
Bachelor's in Computer Engineering 2020-2024

- Bilingual Program: University program completed in a bilingual environment, with classes taught in both Spanish and English.
- Erasmus Program: Participation in the Erasmus exchange program at Warsaw University of Technology.

IES Gran Capitán Madrid, Spain
Bachillerato in Science 2018-2020

Coosa High School Gadsden, AL, United States
Exchange Program 2017-2018

TECHNICAL SKILLS

Programming: practical experience in Python, R, Matlab, JavaScript, C, C++, through the completion of projects in artificial intelligence, data science, databases, computer networks, cybersecurity, front end, and back end.

Artificial Intelligence: practical experience in multiple machine learning, deep learning, expert systems, and fuzzy logic projects, using tools such as Scikit-learn, TensorFlow, Keras, RapidMiner, and Fuzzy Logic Toolbox.

Data Science and analysis: practical experience in data science and analysis using tools such as Pandas, NumPy, Matplotlib, Seaborn, and Excel.

Databases: practical experience with both relational and non-relational databases, including implementation and optimization in SQL Server and MongoDB..

Front-end Development: practical experience in front-end development technologies, with a strong foundation in HTML, CSS, and React.

RELEVANT PROJECTS

COVID-19 Case Prediction: development of a neural network using data from The Humanitarian Data Exchange's Novel Coronavirus Cases Data. The goal is to predict and analyze patterns in the evolution of COVID-19 cases.

Review Prediction with Natural Language Processing (NLP): text mining and prediction project using hotel reviews. Implementation of natural language processing techniques and predictive modeling to forecast user ratings.

Vehicle Recommendations for a Target Market: implementation of an expert system with fuzzy logic techniques in Matlab for recommending vehicles based on the needs of a defined target audience.

Solar Panel Optimization: optimization of solar panel performance through the implementation of weather prediction models using advanced machine learning techniques for the analysis of climatic data.

LANGUAGES

Spanish: native speaker.

English: C1 Advanced.