

JUAN COBO CELDRÁN

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SUMMARY

Fourth year Computer Science student from University Carlos III of Madrid with a strong foundation in Artificial Intelligence, Machine Learning, Deep Learning, Data Analysis and Data Engineering, complemented by international exposure through Erasmus program in Poland and exchange program in the USA. Fluent in both English and Spanish.

EDUCATION

University Carlos III, Madrid, Spain 7/2020 – 5/2024

Bachelor's in Computer Science

Relevant Coursework: Statistics, Machine Learning, Artificial Intelligence in Business, Data Architecture, Files and Databases, Genetic Algorithms.

Politechnika Warszawska, Warsaw, Poland 7/2022 – 2/2023

Erasmus Program

Coosa Christian School, Gadsden, AL, United States of America 6/2017 – 5/2018

Exchange Program

PROJECTS

Sales and Shipping Data Analysis

Data analysis to uncover key insights and optimization opportunities. This project secured my team the first place at the *Madrid Engineering Week Datathon*.

Job Offer Salary Prediction

Developed a machine learning model with NLP and text mining to predict salaries based on job titles and descriptions.

Employee Turnover Forecasting

Developed a deep learning model to forecast employee departures, by analyzing workforce data to uncover patterns leading to departures.

Music Label NoSQL Database

Designed and implemented a MongoDB-based NoSQL database for artist, concert, and recording data, then optimized the system with a cluster design and developed data pipelines for migration from legacy databases.

SKILLS

Programming

Python, R, MATLAB, JavaScript, C++.

Artificial Intelligence and Data Analysis

Scikit-learn, Tensor Flow, Keras, Pandas, NumPy, Matplotlib, Seaborn, Excel.

Databases

SQL, MongoDB, Apache Cassandra, Neo4j.

Languages

Native Spanish, Proficient English.