ISABEL SANTORO

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28.06.1997

DRIVING LICENCE B

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LANGUAGE

Italian – Mother tongue
English – B2

KNOWLEDGE

Microsoft Office
SQL
Python
Tableau
Power BI

ABOUT ME

As a current graduate student, I am actively pursuing a thesis that focuses on the impacts and benefits of a new electronic ticketing system, by analyzing the data collected by a local public transport company.

EDUCATION

MSC MOBILITY ENGINEERING   **2023**
POLITECNICO DI MILANO

BSC BUILDING & COSTRUCTION ENGINEERING   **2021**
POLITECNICO DI MILANO

MAIN PROJECT WORKS

DATA ANALYSIS
Analysis of traffic accident data in Python (using the main libraries for data cleaning and visualization).

DATA SCIENCE AND SECURITY FOR MOBILITY
Analysis of wheelset loads in operation in Python, with the aim of optimising maintenance periods (ML predictive analysis)
Partner Company: Lucchini RS

ENERGY AND EMISSIONS IN GROUND TRANSPORTATION SYSTEMS
LPT fleet innovation, from GNC to hydrogen/electric: Energetic and economic impact analysis.
Partner Companies: Scania, Daimler and Brescia Trasporti

EXPERIENCE

INTERN – AFC SYSTEM   **MARCH 2023 – PRESENT**
AUTOGUIDOVIE SPA
Implementation and testing of a new electronic ticketing system, along with data analysis to monitor and enhance its performance.

FREELANCER   **JANUARY 2019 – PRESENT**
FIVERR
Guitar and bass recording, music production and audio mixing.