



ISABEL SANTORO

BUILDING & MOBILITY ENGINEER

PROFILE

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. My academic pursuits have provided me with a solid foundation in data analysis and visualization, and I am eager to apply these skills to drive data-informed decision-making in an organizational setting. As a quick learner, I am highly motivated to expand my knowledge of new programming languages and software tools relevant to data analysis.

EDUCATION

MSc in Mobility Engineering

Politecnico di Milano, Milano

March 2021 - present

GPA: 28,5/30

Main project works

- Analysis of traffic accident data in Python (using the main libraries for data cleaning and visualization)
- Analysis of wheelset loads in operation in Python, with the aim of optimising maintenance periods (ML predictive analysis)
Partner Company: Lucchini RS
- LPT fleet innovation, from GNC to hydrogen/electric: Energetic and economic impact analysis
Partner Companies: Scania, Daimler and Brescia Trasporti

BSc in Building and Construction Engineering

Politecnico di Milano, Milano

October 2017 - March 2021

Degree grade: 90/110

Scientific High School Diploma

Liceo di Stato G. Battaglini, Taranto

2011 - 2016

Final grade: 100/100

I HEREBY AUTHORIZE THE USE OF MY PERSONAL DATA IN ACCORDANCE TO THE GDPR 679/16 - "EUROPEAN REGULATION ON THE PROTECTION OF PERSONAL DATA".

LANGUAGE SKILLS

Italian

Mother tongue

English

Proficient, TOEIC score 890

TECHNICAL AND SOFTWARE SKILLS

Microsoft [Excel, Word, Power Point, Project]

Adobe [Premiere Pro, Photoshop, Illustrator]

SQL

Python

Tableau

Power BI

WORK EXPERIENCE

Autoguidovie - Jr. Data Analyst [March 2023 - present]

Implementation and testing of a new electronic ticketing system, along with data analysis to monitor and enhance its performance.

Fiverr - Freelancer [Jan 2019 - present]

Guitar and bass recording, music production and audio mixing.

HOBBIES AND INTERESTS

Music production, electronics, data science, videomaking

INFO AND CONTACTS

Birth date: 28/07/1997

Driving licence: B, with own car

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