

Mahnaz Babapourdijojin

Nationality: Iranian



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Work: Via Eudossiana, 18, 00184 Roma (Italy)

EDUCATION AND TRAINING

PhD student

Sapienza University of Rome [01/2022 - Current]

City: Rome

Country: Italy

Field(s) of study: Infrastructures and Transport

Europe's Erasmus Student Exchange Program

Zagreb University [10/2019 - 06/2020]

City: Zagreb

Country: Croatia

Master's degree

Sapienza University of Rome [10/2018 - 10/2021]

City: Rome

Country: Italy

Field(s) of study: Transport Systems Engineering

Final grade: 108/110 (27.06 /30)

Bachelor of Science

Guilan University [2006 - 2011]

City: Rasht

Country: Iran

Field(s) of study: Civil engineering

WORK EXPERIENCE

Consultant

Movesion [01/01/2022 - 28/02/2023]

City: Rome

Country: Italy

Link: <https://www.movesion.com/>

-Evaluating the mobility impacts of employees on the company, the community and the employees themselves.

Lecturer

Islamic Azad University, East Tehran Branch [06/2016 - 02/2017]

City: Tehran

Country: Iran

1-Road Construction

2- Road Construction Project
3-Technical Drawing and Construction Drafting

Civil engineer

Mahiran [20/01/2014 - 17/12/2017]

City: Tehran

Country: Iran

PUBLICATIONS

Assessing the benefits and external costs of road transport in Italy

[2023]

M. Babapourdijojin and G. Gentile, "Assessing the Benefits and External Costs of Road Transport in Italy," 2023 8th International Conference on Models and Technologies for Intelligent Transportation Systems (MT-ITS), Nice, France, 2023, pp. 1-6, doi: 10.1109/MT-ITS56129.2023.10241486.

Link: <https://ieeexplore.ieee.org/document/10241486>

Assessing the Mobility Impact on the Corporate Social Responsibility

[2023]

Babapourdijojin, M., Gentile, G. (2023). Assessing the Mobility Impact on the Corporate Social Responsibility. In: Kabashkin, I., Yatskiv, I., Prentkovskis, O. (eds) Reliability and Statistics in Transportation and Communication. RelStat 2022. Lecture Notes in Networks and Systems, vol 640. Springer, Cham. https://doi.org/10.1007/978-3-031-26655-3_30.

Link: https://link.springer.com/chapter/10.1007/978-3-031-26655-3_30#citeas

Predictive Analytics for Road Traffic Accidents: Exploring Severity through Conformal Prediction

[2023]

Mohamed Eldafrawi, Ken Koshy Varghese, Marzieh Afsari, Mahnaz Babapourdijojin, Guido Gentile

Submitted for consideration to Transportation Research Board (TRB) 2024 annual meeting

Machine Learning Enhanced Predictive Analysis of Road Traffic Accidents: Rome Case Study

[2023]

Mohamed Eldafrawi, Ken Koshy Varghese, Marzieh Afsari, Mahnaz Babapourdijojin, Guido Gentile

In preparation for submission

PROJECTS

Giubileo 2025

[04/2023 - Current]

-Giubileo (Jubilee) project: Codice CIG 9653319AD6, Codice Affidamento SEFNS23006

-Under supervision of Professor Guido Gentile

-As a data analyst to forecast the demand for the Giubileo events in 2025 using Microsoft Excel and Python

HONOURS AND AWARDS

Bando Coordinamento progetti Horizon Europe ("Coordination of Horizon Europe collaborative projects", call for proposals)

Sapienza University of Rome [18/07/2023]

-Collaborating on the proposal under the supervision of Professor Guido Gentile.

- Results: Winner

Link: https://www.uniroma1.it/sites/default/files/field_file_allegati/

Infrastrutture e trasporti - Tema della Ricerca: Lavoro agile e spostamenti sistematici: l'impatto dello smart working sulla mobilità sostenibile e l'ambiente

Istituto Nazionale Previdenza Sociale (INPS) [21/12/2022]

-Title in English: Infrastructure and transport - Theme of Research: Smart working and travel systematic: the impact of smart working on sustainable mobility and the environment.

-Collaborating on the proposal under the supervision of Professor Guido Gentile

- Results: Winner

DIGITAL SKILLS

Python / Data analysis / Machine learning / QGIS / SPSS

LANGUAGE SKILLS

Mother tongue(s): **Azerbaijani, Persian, Turkish**

Other language(s): **English (IELTS score 6.5), Italian (A2)**