

MOHAMMED YOUNES

PHD RESEARCHER IN COMPUTER SCIENCE, DATA AND AI

École nationale des ponts et chaussées - Institut Polytechnique de Paris

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PROFILE

PhD researcher in Applied Computer Science, focusing on data governance, interoperability, and data sharing in urban logistics. My research examines how heterogeneous actors can exchange and reuse operational data through more coherent and governable digital infrastructures based on knowledge graphs. The broader aim is to support better coordination and decision-making in supply-chain operations, with downstream benefits for efficiency and for the assessment of environmental impacts.

EDUCATION

PhD in Computer Science, Data and Artificial Intelligence

Since 12/2025

Laboratoire Ville Mobilité Transport (LVMT)

ENPC – Institut Polytechnique de Paris, France

- Analysing data governance and interoperability across heterogeneous logistics actors and information systems;
- Designing semantic and infrastructural approaches for operational data representation and exchange;
- Linking operational indicators with coordination and environmental assessment workflows.

Master's degree in Urban Engineering

09/2023-09/2024

Polytech Lille

Université de Lille, France

Coursework and projects in smart cities and smart buildings, GIS, BIM, and sustainable urban systems.

Engineering degree in Urban Planning

01/2018-08/2022

An-Najah National University, Palestine

Foundation in urban systems, EIA, geoinformatics, strategic planning, and data-driven analysis

WORK EXPERIENCE

Research Engineer in Geoinformatics

11/2024-11/2025

LVMT - Université Gustave Eiffel, France

Developed a methodology to map the spatial distribution of logistics facilities in France, using geomatics and spatial analysis to examine urban and peri-urban impacts.

Intern in Geoinformatics

03/2024-09/2024

LVMT - Université Gustave Eiffel, France

Conducted master's thesis research on mapping logistics facilities and assessing their socio-economic impacts in France, with a focus on e-commerce activities.

Research Assistant in Data Management and Human-Centred Design

06/2021-05/2022

An-Najah National University & GIZ GmbH, Palestine

Worked on digital governance & data management projects related to water networks and municipal complaint systems, combining data analysis, service design, and decision-support perspectives.

TECHNICAL SKILLS

Python, R, SQL; GIS, CAD, Remote Sensing; Data Governance, Neo4j; Git, R Markdown, Zotero;

LANGAUGES

Arabic (native), English (C1), French (B1), Hebrew (B1)