






Mohammed YOUNES

Urban Planning Engineer

Urban engineer with a Master's degree in Civil Engineering – Urban Engineering and Habitat track. Passionate about sustainable urbanism and geospatial analysis, with a particular interest in the interaction between urban logistics, socio-spatial dynamics, and digital urban planning. Skilled in GIS, advanced spatial analysis, and urban data governance.

Contact

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Languages

Arabic
Native 

English
C1 (IELTS 7.5) 

French
B2 

Hebrew
B2 

Professional Licences

Registered Engineer
Israeli Ministry of Labour

Licensed Engineer
Palestinian Engineers Association

Scholarships

French Excellence Scholarship
Awarded by the Consulate General of France in Jerusalem, 2023

Education

09.2023 - 09.2024

Master 2 | Urban Engineering and Habitat
Polytech - Université de Lille | Lille, France

This programme focused on developing technical, scientific, and managerial skills to address the challenges of designing and maintaining urban infrastructure.

Acquired skills: planning and management of smart and sustainable urban infrastructure, energy efficiency in buildings, GIS, BIM, and statistics.

Master's thesis: "*Mapping Logistic Warehouses and Assessing their Socioeconomic Impacts in France with a Focus on E-commerce Activities*".

01.2018 - 08.2022

Bachelor of Science | Urban Planning Engineering (5 years)
An-Najah National University | Nablus, Palestine

This programme combined theoretical courses and practical projects on a broad range of urban planning topics. Each semester included a major hands-on project conducted in the West Bank, involving local communities and stakeholders in designing comprehensive strategic and urban plans.

Final year project : "*A Data-Driven Model for the Water Consumption Forecasting Based on the Land Use Patterns in Nablus City*", The project used statistics and GIS to create predictive models of water demand.

● 01.2021 - 06.2021

Erasmus+ Exchange Semester
Institute of Urban Planning and Geography (FaSEST), University of Lille | Lille, France

Participated in workshops and worked on urban planning scenarios for a former public bathhouse in an industrial district of Lille. Collaborated with French students and gained initial exposure to the French language. Developed skills in mapping and selecting criteria for urban redevelopment scenarios.

Professional Experience

○ Since 11.2024

Research Engineer in Spatial Analysis
LVMT - Gustave Eiffel University & ENPC | Champs-sur-Marne, Paris

Building on the work from my master's internship, this role deepens the analysis of the spatial distribution of warehouses in France and their interaction with urban sprawl. Logistic impacts on urban and peri-urban areas are studied using geomatics and spatial analysis tools, under the supervision of Dr. Laetitia DABLANC.

○ 03.2024 - 09.2024

Spatial Analysis Intern
LVMT - Gustave Eiffel University & ENPC | Champs-sur-Marne, Paris

Conducted a research thesis focused on the statistical and cartographic analysis of e-commerce warehouse distribution, emphasising socioeconomic impacts and spatial location assessment techniques.

Thesis title: "*Mapping Logistic Warehouses and Assessing their Socioeconomic Impacts in France with a Focus on E-commerce Activities*"

Supervisors: Marion ALBERTELLI, Matthieu SCHORUNG & Laetitia DABLANC.

Professional Experience (cont.)

10.2024 - 11.2024

Research Assistant to Dr Alice Panepinto

School of Law - Queen's University Belfast | *Remote (Part Time)*

For a project on Archaeological, Cultural Property, and Heritage Responsibilities and Violations by the Occupying Power in the West Bank.

05.2023 - 06.2023

Elementary Technology Educator

Two Primary Schools | *Jerusalem, Palestine*

Taught primary school students the fundamentals of programming and robotics using MIT Scratch and LEGO robotics kits.

Depuis 2018

Freelance Translator

Freelance | *Remote*

- Translation of academic papers, reports, technical documents, and articles across urbanism, architecture, technology, politics, and sociology for various clients.

02.2023 - 03.2023

Project Management Intern

Brainnest | *Remote*

Employed a range of project management tools to facilitate the successful delivery of major urban development projects

06.2021 - 05.2022

Research Engineer – E-Governance and Human-Centred Design

An-Najah National University & GIZ (German Agency for International Cooperation) |

Naplouse, Palestine

Worked on the INDIGO programme addressing e-governance in Palestine and the MENA region.

- **Spatial data management** specialist for two projects: one on water network management, the other on a digital municipal complaints system.
- **Applied human-centred design techniques** (from prior training) to guide development and implementation.
- **Contributed to data analysis and visualisation** for informed decision-making and stakeholder engagement.

06.2020 - 08.2020

Urban Planning Intern

Directorate of Local Governance | *Ramallah, Palestine*

- Assisted the lead urban planner with master plan preparation and review.
- Participated in regional committees to discuss urban projects and development policies.
- Reviewed and managed complaints related to master plans in various towns and villages, coordinating with stakeholders to resolve issues.
- Collected and analysed data to support urban planning and infrastructure development.

11.2016 - 01.2018

Content Editor

Birzeit University | *Ramallah, Palestine*

Wrote and edited content for the university's official website, built on the Drupal content management system.

Technical Skills

GIS (ArcGIS, QGIS)		R (RStudio)		Google Workspace	
Remote Sensing		R Markdown		Microsoft Office	
Space Syntax		Python		Slack, Trello	
AutoCAD		SQL (Postgres)		Adobe Photoshop	
BIM (Revit)		OpenAI		Adobe Illustrator	
Revit's Dynamo		FME		Adobe After Effects	
Pleiades		GitHub		Adobe InDesign	
SketchUp		Tableau			
TinkerCAD		Zotero			
Vensim					

Academic Projects

- Data-Driven Model for Water Consumption Forecasting Based on Land Use Patterns in Nablus City**
06.2022
Final project for the Engineering Degree
- Digital Complaints Management System for Nablus Municipality**
05.2022
Part of the INDIGO project in collaboration with An-Najah University and GIZ
Link: <https://indigo.najah.edu/en/projects/2nd-stage/project-6/>
- Burned Forest Detection Using NBR+ and Supervised Classification**
05.2022
Remote sensing project presented at a GIS conference
- Smart City Project: Water Distribution Management in Jamma'in**
12.2021
Part of the INDIGO project in collaboration with An-Najah University and GIZ
Link: <https://indigo.najah.edu/en/projects/1st-stage/project-2/>
- Urban Housing Project in West Nablus**
12.2021
- Redevelopment of the Public Baths in Five Town in Lille, France**
06.2021
Academic research project on an urban redevelopment scenario for an industrial district in Lille
- Urban Master Plan - Attil (West Bank)**
12.2020
Urban master plan for Attil (Population: 10,000), with community and stakeholder engagement.
- Spatial Development Framework for the Northwest Communities of Nablus**
05.2020
Development of a spatial development framework for communities in northwest Nablus, including surveys and meetings with the community and stakeholders.
- Strategic Urban Development Plan - Sanur (West Bank)**
12.2019
Implementation of a strategic development plan for the village of Sanur (Population: 5000 inhabitants), including surveys and meetings with stakeholders.

Publications

Published Chapter in an Edited Volume

Younes, M. (2025). The Displacement of Palestinian Bedouins as the 'Collateral' Damage of Colonial Urban Planning. In A. Panepinto , B. Zuluf , A. Amara , B. Browne , M. Nuseibah & T. Mariniello (Ed.). *Ending Impunity for International Law Violations: Palestinian Bedouins and the Risk of Forced Displacement* (pp. 21–58). Oxford Dublin: Hart Publishing. Retrieved April 30, 2025, from <http://dx.doi.org/10.5040/9781509977239.ch-002>

This chapter focuses on the impact of colonial urbanism on communities and the spatial manipulation of socioeconomic conditions. It is currently in press with Hart Publishing (Bloomsbury). The research adopts a qualitative approach, including map and urban plan analysis as well as the study of social literature.

Online Journal Article

Younes, M. (August 2021). Colonial Afforestation in Palestine (التشجير الاستعماري في فلسطين). *Bab Al-Wad, Palestine Series*. <https://tinyurl.com/ColonialAfforestation>

Authored an online article on colonial afforestation in Palestine, published on Bab Al-Wad. The article explores the ecological and social implications of colonial tree-planting, analysing the policies and urban practices of the time.

Popular Science Article

Younes, M. (March 2020). Russian Palestine: Analysing Property Transactions in Palestine (فلسطين الروسية: تجارة بمعالم البلاد). *Metras*. <https://tinyurl.com/PalestinianRussia>

Fellowship research on the urban history of Jerusalem, published as an online article on the digital platform Metras. The study highlights the transfer of Russian real estate in Palestine into the hands of the occupation system.

Online Journal Article

Younes, M. (February 2019). How We Became Targets for Sponsored Ads (هكذا أصبحنا هدفاً للإعلانات الممولة). *Astrolabe*. <https://tinyurl.com/sponsored-ads>

This article explores the evolution of sponsored advertising and its impact on online users. It analyses the sophisticated techniques used to target consumers, including the use of artificial neural networks and machine learning algorithms to personalise and optimise advertising campaigns based on user data.

Conferences & Exhibitions

The International Urban Freight Conference (I-NUF)

Younes, M., Albertelli, M., Schorung, M., & Dabanc, L. (2025). Factors of E-commerce Warehouse Location in France. Paper presented at the International Urban Freight Conference (I-NUF), Los Angeles, USA.

Research on the spatial distribution and socioeconomic impacts of e-commerce warehouses in France, with a focus on mapping methods and statistical analysis to identify key factors influencing their location and implications for urban development.

12.2022

Inspiration with GIS Conference

An-Najah National University | Nablus, Palestine

Presented a scientific poster on the environmental applications of remote sensing using GIS.

04.2017

Architecture Days Exhibition

Birzeit University | Ramallah, Palestine

Presented an architectural fragmentation model and a poster on the design of a Martian house.

References

Marion ALBERTELLI

Postdoctoral Researcher, Logistics City Chair, LVMT, École des Ponts ParisTech Associate Researcher, *Géographie-cités*, University Paris 1 Panthéon-Sorbonne

Email: marion.albertelli@enpc.fr

Zahraa ZAWAWI

Assistant Professor, An-Najah National University

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Ihab HIJAZI

Associate Professor of Geoinformatics, An-Najah National University

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Trainings, Workshops & Certifications

In Progress:

- *Since 08.2022*
Google Data Analytics Professional Certificate, [180h]
[Google](#) | *Online*
This certificate provides an immersive experience in the practices of a junior data analyst. It covers key skills in data cleaning, analysis, and visualisation using tools such as spreadsheets, SQL, R, and Tableau. Participants learn how to organise and clean data, perform analyses, and create impactful visualisations while building a professional portfolio.
- *Since 03.2024*
R Training Workshops - ElementR Group, [15h]
[Géographie-cités, PRODIG et RIATE](#) | *Paris, France*
 - Participation in workshops focused on the use of R for social sciences and humanities. Strengthening spatial data analysis and programming skills in R.
- *Since 03.2024*
Associate Data Scientist in R, [88h]
[Datacamp](#) | *Online*
Online programme covering key statistical concepts: descriptive statistics, regression, sampling, hypothesis testing, and practical data analysis in sports.
- *Since 05.2024*
Associate Data Engineer in SQL, [30h]
[Datacamp](#) | *Online*
The program covers relational database design, data extraction and transformation, performance optimization, and the creation of data pipelines in SQL.
- *Since 07.2024*
OpenAI Fundamentals, [13h]
[Datacamp](#) | *Online*
Comprehensive training on using OpenAI models, covering the OpenAI API, prompt engineering for ChatGPT, AI systems, and embeddings. The program includes hands-on projects to develop real-world AI solutions.
- *Since 08.2024*
Innovative Governance of Large Urban Systems, [16h]
[École Polytechnique Fédérale de Lausanne \(EPFL\)](#) | *Online*
Course offering an overview of the three phases of the urban value chain: planning, governance, and regeneration. Based on the IGLUS Executive Master's program, this course features real-life case studies and international speakers, addressing the unique challenges of designing, governing, and regenerating urban spaces.
- *Since 05.2025*
Associate Data Scientist in Python Certificate, [90h]
[Datacamp](#) | *Online*
The programme covers data manipulation, statistical analysis, data visualisation, and the development of predictive models using Python. It includes hands-on practice with libraries such as pandas, NumPy, Matplotlib, and scikit-learn.
- *Since 05.2025*
Machine Learning Fundamentals in R Skill Track, [24h]
[Datacamp](#) | *Online*
This programme introduces key machine learning concepts using R, with a focus on supervised learning (regression, classification), unsupervised learning (clustering, dimensionality reduction), and model evaluation. It includes practical training in data preprocessing, feature engineering, and hyperparameter tuning using tools such as caret, xgboost, and tidymodels.

Completed Trainings:

- *01.2012 – 08.2012*
IT Essentials: PC Hardware and Software Certificate, [170h]
[Cisco Networking Academy](#) | *Nablus, Palestine*
Comprehensive training in computer fundamentals, covering assembly, maintenance, and troubleshooting. The programme provided skills in hardware configuration, operating system installation, and technical problem-solving, preparing participants for roles in IT support and network management.

Trainings, Workshops & Certifications (cont.)

06.2012 - 07.2012

Technology and Entrepreneurship, [40h]

[Intel® Learn Program](#) | *Nablus, Palestine*

Training focused on developing technology and entrepreneurship skills, including modules on innovation, problem-solving, and project creation. The programme provided an understanding of essential tech tools and entrepreneurial strategies for turning ideas into concrete projects.

05.2012 - 09.2015

Young Researcher Program

[AI-Nayzak Organization](#) | *Jérusalem, Palestine*

A programme designed to develop scientific research skills among youth, with emphasis on the scientific method, critical thinking, and innovation. Participants worked on mentored research projects to develop innovative solutions to real-world problems, gaining hands-on research experience and strengthening scientific communication skills.

04.2019

TinkerCAD: 3D Modeling, [20h]

[Girls in Tech Global Classroom](#) | *Online*

Training in 3D modelling with TinkerCAD, covering the fundamentals of 3D design and digital model creation.

09.2020

Autodesk Certified Professional: AutoCAD for Design and Drafting Exam Prep, [18h]

[Autodesk](#) | *Online*

Training in AutoCAD covering drawing, advanced editing, layout management, annotation, and the use of blocks. Full preparation for the Autodesk professional certification exam in design and drafting.

06.2021 - 07.2021

Online Workshops - Projet INDIGO, [18h]

[An-Najah University](#) | *Online*

Online workshops on Design Thinking, client needs assessment, creativity, service design, financial analysis, and environmental sustainability.

11.2022

Intermediate Python, [4h]

[Datacamp](#) | *Online*

Advanced Python training covering data visualisation with Matplotlib, use of dictionaries and pandas DataFrames, as well as boolean logic, loops, and control flow. The course provides hands-on practice for manipulating datasets and applying statistical techniques to solve problems.

09.2023 - 10.2024

Studying Cities: Social Science Methods for Urban Research, [7h]

[Erasmus University Rotterdam](#) | *Online*

Training in social science research methods applied to urban dynamics, including both qualitative and quantitative analysis to explore issues in urban planning.

04.2024 - 08.2024

Smart Cities – Management of Smart Urban Infrastructures, [12h]

[École Polytechnique Fédérale de Lausanne \(EPFL\)](#) | *Online*

Training in social science research methods applied to urban dynamics, including both qualitative and quantitative analysis to explore issues in urban planning.

02.2025 - 05.2025

Data Governance Fundamentals Certificate, [10h]

[Datacamp](#) | *Online*

Training on data management, security and protection, with modules on confidentiality, quality, security, and data management.