

# Personal Details

Name : Gabriel (Gabi) Dadashev  
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M.SC Student

## Skills

Aimsun Next-Ride, Python (practically pandas, numpy and data analysis packages), QGIS, SQL, Microsoft Power BI, SimMobility, Excel.

## Education

**M.sc Mathematics (Ending Novemer 2023)**

Department of Mathematics , Ariel University.

**October 2021- Present**

Thesis Topic: Optimization of **Automated Mobility on-Demand** Services Under Eenergy Constraints

**B.sc Mathematics and Computer science**

Department of Mathematics , Ariel University

**October 2016- July 2021**

**B.sc Transportation Engineering**

Department of Civil Engineering , Ariel University

**October 2016- July 2021**

## Academic

## Ranks in

## Institutes of Higher Education

**Future Mobility Lab ,**

Researcher Assistant, Ariel University

**August 2021- Present**

**Department of Civil Engineering , Ariel University**

Teaching assistant

**August 2021- Present**

## Scientific Publications

Dadashev, G., Levi, Y., & Nahmias-Biran, B. H. (2023). **Implications of de-carbonization policies using an innovative urban transport simulator**. Transportation Research Part D: Transport and Environment, 119, 103754.

Nahmias-Biran, B. H., Dadashev, G., & Levi, Y. (2022). **Demand exploration of automated mobility on-demand services using an innovative simulation tool**. IEEE Open Journal of Intelligent Transportation Systems, 3, 580-591.

## Conferences

**The 3rd Conference of the Israeli Smart Transportation Research Center**

Sustainable automated mobility-on-demand strategies in dense urban areas

**June 2023**

**Mobilizing Justice: Moving Toward Action for an Equitable Transportation Future, NECTAR ,Toronto ,2022**

Simulation Based Environmental Justice Analysis in Dense Auto-Dependent Cities

**July 2022**

**mobil.TUM 2022 - 12th international Scientific Conference on Mobility and Transport**

Implications of Future Transportation and Car-Lite Policies in Dense Auto-Dependent Cities

**April 2022 ,**

**The Israeli Transportation Research Association**

Implications of de-carbonization policies using an innovative simulation tool

**June 2022**

## Extended Final Project

**Public Transport Subsidy Policy Research - Aspects of justice in transportation subsidy**

Yossi Plashker foundation

2021-2022

## Educational Activities

**Main courses learned**

**Summer School , Perm National Research Polytechnic University , Russia**

Mathematical uses in medicine

**August 2018**

**Ariel University , Civil Engineering**

Introduction to Transportation Engineering (Introduction to Geometric, Design, Traffic ,Engineering, Transportation Planning, and Economics).

**2016-2020**

**Ariel University , Mathematics and Computer science**

Applied mathematics (Partial differential equation ,Integral transform ,numerical methods,Functional analysis) Computer science (Algorithm ,Data structure ,Object-oriented programming,C++,Python,Java)

**2016-2020**