


Zahra Lahijanian

 zahra.lahijanian@gmail.com

 +393299235127

 [linkedin.com/in/zahra-lahijanian-999730a2](https://www.linkedin.com/in/zahra-lahijanian-999730a2)

Summary

Motivated transport systems engineer with strong communication and interpersonal skills who has experience in sustainable transport planning and logistics.

I've been known for my innate abilities to understand the concepts and applying them innovatively to tackle the associated engineering problems. The area of expertise includes transport operation and engineering consultants. In my master's degree, I developed a novel methodology in accessibility assessment by employing displacement data management. I possess an asset of experience in identifying potential zones for implementing new business. Last but not least, I have experience of more than one year working in parallel with studying in the construction field as a technical consultant.

Experience

Transport Planner

Trenitalia

Sep 2019 - Mar 2020 (7 months)

- Application of statistical and econometric methodologies, model, and tool for demand modeling.
- Developing a novel method for accessibility assessment and station evaluation base on displacement data management.
- Increasing the efficiency of the high-speed train network by building the bases of the intermodal transport network.

Technical Consultant

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Jan 2016 - Aug 2017 (1 year 8 months)

Technical Consultant in Central Urban Train Organization.

- Optimization and supervision of construction activities;
- Project finance estimate.
- Railway and Road Infrastructure design;
- Periodic reporting of project status;

Education

Sapienza Università di Roma

Master's degree, Transpotation Systems Engineering

2017 - 2020

Thesis Topic:

Station Accessibility Assessment by Displacement Data Management: An application to the railway network.

Academic Projects:

- Transportation & ITS
- Transport modeling



Shiraz University

Bachelor's degree, Civil and Environmental Engineering

2012 - 2017

3th Ranked within 50 students of Civil and Environmental Engineering Department of Shiraz University



Isfahan University of Technology

Exchange Student, Civil and Environmental Engineering

2013 - 2015

1st Ranked Exchange Student of the Isfahan University of Technology (IUT) for two years.

Licenses & Certifications



Driving License

Skills

Microsoft Office • Transportation Planning • Strategic Planning • Microsoft Excel • Quantum GIS • Python (Programming Language) • TransCAD • Foreign Languages

Honors & Awards



F.S. Scholarship - Ferrovie dello Stato Italiane S.p.A.

Mar 2020

Awarded paid internship among master's degree candidate students of La Sapienza university for Six-month in the Strategy and Business planning department of Trenitalia, Rome, Italy.



Scholarship - Regione Lazio

Sep 2017

Two years of scholarship for top students of master's degree in Transport Systems Engineering, La Sapienza University, region Lazio.