Mohaddeseh Karbalaei

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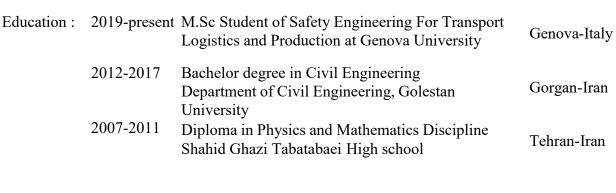*omissis*

Interest :	• Supply chain analyse and managment
	• Optimal planning and management
	• Logistics analyst
	• Freight traffic assignment
	• Transport system simulation and design

Education :	2019-present	M.Sc Student of Safety Engineering For Transport Logistics and Production at Genova University	Genova-Italy
	2012-2017	Bachelor degree in Civil Engineering Department of Civil Engineering, Golestan University	Gorgan-Iran
	2007-2011	Diploma in Physics and Mathematics Discipline Shahid Ghazi Tabatabaei High school	Tehran-Iran

Teaching & Work Experiences:	2015-2016	• Member of Student Council of Civil Engineering Department, Golestan University, Gorgan-Iran
	2015-2016	• Teaching Assistant of **Civil3D** course, Golestan University; Fall 2014 (Dr.davoodi), Gorgan-Iran
	2016-2016	• Trainee (Internship) in Iran mall project, Tabanshahr Company Tehran-Iran
	2016-2017	• Technical Office Expert in Bonyad Shahid project, Tabanshahr Company Tehran-Iran, 23th,2016 to July 17th,2017
	2017-2019	• Technical Office Expert in Shahdad project, MSD company, Tehran-Iran

Course Project:	**Fall 2020**	◆ **Transport** systems simulation and design

- Input & and output data analysis with **Matlab**
- Network design via optimization and simulation **Cplex**
- Supervisor: Dr. Nicola sacco

Fall 2020 ◆ **Methods and model for logistic**

- Modeling and Developing Supply chain and inventory management models with **Lingo**
- Optimal planning and management of resources
- Routing and transportation problems
- Time series analysis and forecasting methods with Excel

Supervisor: Dr. Michela Roba – Dr. Chiara Berssani

Winter 2020 ◆ **Supply chain** and sustainability models

- Modeled a strategy of impact different models in technology, market, and supply value chain in business.

◆ Supervisor: Dr.Melissa Demartini

Winter 2020 ◆ **Modeling** and controlling the traffic system

- Designing models for traffic and paths with **LINGO** software and analyzed solutions of differential equations in presence of discontinuities of the density function.
- Supervisor: Dr. Riccardo.minciardi

Fall 2019 ◆ **Developing** c++ project

- Developing C++ projects to build native modules and applications for several platforms
- Supervisor: Dr. katia.lupinetti

Winter 2015 ◆ **Road** Construction project

- Designing a 2-km two-band asphalted road
- Design and draw of Vertical and Horizontal curves and transverse slope on Topographic map
- Drawing cross-section areas by Civil3D software.
  - Supervisor: Dr. R.Davoodi

Certification & Some Courses :	Jun 2014	◆ Auto CAD certification by Novin parsian	Tehran-Iran
	Sep 2016	◆ Health and Safety Executive (HSE) in Iran mall project by **Kaycon** HSE group	Tehran-Iran
	Feb 2021	◆ Supply Chain Principles	Online course

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Skills :	◆ Human Languages :	**Persian** (Native) and **English** (Reading, Writing, Listening, Speaking), German(basic)**,** Learning **Italian**.
	◆ Program language :	C++(Intermediate) , **Python** (Intermediate-self study)
	Graphics & drawing & Modeling Applications:	AutoCAD**,** ETABS, Photoshop, **LINGO**(Intermediate)**, MATLAB**(Intermediate), **CPLEX**, **Anylogistix.**

Hobbies :   ◆ **Sport :**   Mountain climbing, Travelling

◆ **Art :**   Photography

◆ **Literature :**   Persian Poetry, Literary Modernism

References :   **Professor Riccardo minciardi**
Department of informatics and Bioengineering, Robotics and Systems Engineering, Genova-Italy.
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