

Hamed Izadian

No 30, 12th West Street, Rastakhiz Avenue, Karaj, Iran

Tel: +98 (935) 1051031

Email: hamedizadian.acad@gmail.com

Website: hamedizadian.github.io

EDUCATION	Kharazmi University M.S. in Industrial Engineering - Advisor: Hamid Reza Pasandideh - Thesis: Modeling a bi-objective closed-loop supply chain with robust optimization and considering imperfect quality and on-time delivery - GPA: 3.88 University of Tehran B.S. in Industrial Engineering - GPA: 3.34	Tehran, Iran Sep 2022- Present Tehran, Iran Sep 2018- Sep 2022
RESEARCH INTEREST	<ul style="list-style-type: none">• Operations Research• Mathematical Modeling• Machine learning• Quality Control• Inventory Management• Supply Chain Management• Healthcare Systems	
SELECTED COURSES	Combinatorial Optimization Queueing theory Data Mining Sequencing and Scheduling Theory Computer Programming Operations Research I Inventory and Production Planning and Control I Quality and Production Management Motion and Time Study Financial Management Human Factors Engineering	19.61/20 19.8/20 19.25/20 19/20 19.5/20 17.66/20 18.75/20 17.68 17.4/20 18/20 18.24/20
HONORS AND AWARDS	<ul style="list-style-type: none">- Ranked within the top 5 % among approximately 144,000 participants in the National Entrance Examination Form Iranian universities, Iran- Ranked as the 3rd top student among 20 students of Industrial Engineering at the end of the Master's, Kharazmi University, Iran	

PUBLICATIONS	Working papers <ol style="list-style-type: none"> 1) H. Izadian and S.H.R. Pasandideh. “Bi-objective closed-loop supply chain model considering imperfect quality production and on-time delivery “
LICENSES AND CERTIFICATES	<ol style="list-style-type: none"> 1) Optimization in Python using Gurobipy and DOCPLEX, In Progress 2) Robust Optimization & Decision-Making Under Uncertainty, In Progress 3) Statistics for Data Science, Toseeh Higher Education institution, In progress 4) General Algebra Modeling Systems (GAMS) for Optimization, Feb 2024 5) Supply Chain Analytics in Python, DataCamp, Feb 2024 6) Simulation analytics for logistics and supply chain management with Enterprise Dynamics (ED), Sharif University of Technology, Aug 2022 7) Programming for Everybody (Getting Started with Python), Coursera, Jul 2022
WORKING EXPREINCES	<ol style="list-style-type: none"> 1) Internship, Production processes design and group logistics Department, Saipa, Jul 2022- Aug 2022 Tasks: Motion and time study on the automotive production line, and plant layout
TEACHING EXPREINCES	<ol style="list-style-type: none"> 1) Teaching assistant, Integer Programming & Inventory Control Kharazmi University Spring 2024 Supervisor: Dr. Pasandideh 2) Teaching assistant, Operations Research & Python programming for Optimization (Gurobipy) Kharazmi University Fall 2023 Supervisor: Dr. Pasandideh
SKILLS	Programming skills: <ul style="list-style-type: none"> • Proficient at Python and Metaheuristic Algorithms in MATLAB • Expert level at mathematical modeling in GAMS • Experience with Gurobipy and DOCPLEX • Familiar with HTML, CSS & Java Software skills: <ul style="list-style-type: none"> • MS project, Enterprise Dynamics (ED), VS code, IBM CPLEX studio Mathematical skills: <ul style="list-style-type: none"> • Operations Research, Mathematical modeling, Integer Programming, Linear algebra Other skills: <ul style="list-style-type: none"> • Microsoft Excel, Microsoft Word, Microsoft PowerPoint • Teaching, Communication, Team work, Problem solving, Innovation, Adaptability

PROJECTS

- Bike sharing demand prediction, Data-mining Course, Kharazmi University, Spring 2023
- Towards the circular economy: Analysis of barriers to implementation of zero waste management in the automotive industry using the ISM-fuzzy MICMAC approach, University of Tehran, Jul 2022 – Aug 2022

LANGUAGE

- TOEFL IBT
Exam date: October 5th

LEADERSHIP POSITIONS

- Secretary of the Cultural Association of the University of Tehran