

Hamed Izadian

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Education

Kharazmi University
Tehran, Iran
2022-

Master of Science, Systems Optimization, Department of
Industrial Engineering Supervisor: [Dr. Pasandideh](#)
GPA: 18.40/20
Studying 4 Semester of MSc, Passing 26 Credits out of 32

University of Tehran
Tehran, Iran
2018-2022

Bachelor of Engineering, Industrial
Engineering
GPA: 16.14/20

Selected Courses

Combinatorial Optimization	19.61/20
Queueing theory	19.8/20
Data Mining	19.25/20
Sequencing and Scheduling Theory	19/20
Computer Programming	19.5/20
Operations Research I	17.66/20
Inventory and Production Planning and Control I	18.75/20
Quality and Production Management	17.68
Motion and Time Study	17.4/20
Financial Management	18/20
Human Factors Engineering	18.24

Publications

Manuscript in preparation

1. Optimizing a closed-loop supply chain system by considering key industrial and real-world challenges

Skills

Language	Python, C++, familiar with HTML, CSS & Java
Software	GAMS, MATLAB, Visual Studio Code, IBM Cplex studio, MS Project, Enterprise Dynamics (ED)
Industry Knowledge	Operations Research, Mathematical Modeling, Data Analysis Integer Programming, Time study
Typesetting	Microsoft Office, LATEX
Interpersonal	Communication, Team work, Problem solving

Teaching and Work Experiences

- Teaching assistant, Integer Programming & Inventory Control, Kharazmi University
Spring 2024
Supervisor: Dr. Pasandideh
- I served as a Teaching Assistant in Integer Programming & Inventory Control courses for grading assignments and projects
- Teaching assistant, Operations Research & Python Programming for Optimization, Kharazmi University
Fall 2023
Supervisor: Dr. Pasandideh
- I served as a Teaching Assistant in Operations Research, helping students navigate the details of Integer, Dynamic, and Non-linear Programming. In addition to leading discussions and grading assignments, I encouraged students to explore their interests in operations research by assigning projects related to the field. Collaborating closely with the professor, I aimed to make learning engaging and relevant. And, instructed a Python for Optimization course using the Gurobi library, focusing on practical applications. Guided students in leveraging their Python programming skills to tackle real-world optimization challenges efficiently. Emphasized hands-on learning and problem-solving through interactive sessions and assignments.
- Internship, Production processes design and group logistics Department, Saipa (Automaker company)
Jul 2022 – Aug 2022
Skills: Time Study, 5S, Advanced Product Quality Planning (APQP)

licenses & certifications

- [Programming for Everybody \(Getting Started with Python\), Coursera, Jul 2022](#)
- [Simulation analytics for logistics and supply chain management with Enterprise Dynamics \(ED\), Sharif University of Technology, Aug 2022](#)
- Supply Chain Analytics in Python, DataCamp, Feb 2024
- [Python for Data Science, AI & Development, IBM, Feb 2024](#)

Projects

- 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

volunteer experience

- Secretary of the Cultural Association of the University of Tehran, 2021-2022

Language

- Persian (Native)
- English (Fluent)
TOEFL:
Exam date: 7 September