Mohammaddanial **Faraji**

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Education

M.S. in Industrial engineering	**Iran University of Science and Technology (IUST)** Supervisor: Dr. Seyyed-Mahdi Hosseini-Motlagh Advisor: Dr Mohammad Reza Ghatreh Samani Thesis: Dynamic optimization of blood collection strategies from different potential donors using rolling horizon planning approach under uncertainty (Summer 2024)
B.S. in Industrial engineering	**Bu-Ali Sina University (BASU)** Advisor: Dr. Vahid Khodakarami Thesis: Identifying and ranking technological risks of new product development projects using a fuzzy approach: A case study of Hamadan startup ecosystem (Summer 2021)

Publications

S.-M. Hosseini-Motlagh, M. Reza Ghatreh Samani, and M. Faraji, "**Dynamic optimization of blood collection strategies from different potential donors using rolling horizon planning approach under uncertainty**" Comput. Ind. Eng., p. 109908, Jan. 2024, doi: 10.1016/j.cie.2024.109908.
<div align="right">Published in CAIE (Q1)</div>

S.-M. Hosseini-Motlagh, M. Reza Ghatreh Samani, and M. Faraji, "**Dynamic blood collection: …**"
<div align="right">In process</div>

Teaching Experience

Teaching

Fall 2019	**ICDL Course**	24 hours
Winter 2020 & Winter 2021	**Mathematical Optimization with General Algebraic Modeling System (GAMS) Course**	8 hours
Winter 2020	**Microsoft Project (MSP) Course**,	16 hours
Fall 2021 & Fall 2022	**Queuing Theory and Simulation in AnyLogic**	12 hours
Fall 2021	**Introduction to Python Programming**	16 hours
Winter 2022	**Mathematical Optimization with Gurobi Optimizer in Python**	8 hours

Teaching assistant

Fall 2019	**Introduction to Work Study**, (BASU), Professor: Dr. Hamidreza Dezfoulian
Fall 2019	**Project management course**, (BASU), Professor: Mr. Ali Parchami Afra

Awards & Honors

2022	**1st ranked in first term of GPA among graduate students in the department**, Top students of the course, (IUST)	Iran
2023	**Throughout the course by Iran University of Science and Technology which is ranked fourth among theuniversities of Iran**, Brilliant talents	Iran

Additional Skills

Machine learning - Limited Business Proficiency
Python - Advcanced
MSP - Advanced
Anylogic - Limited Business Proficiency
Vensim- Limited Business Proficiency
ICDL - Advanced
Wordpress - Limited Business Proficiency
Adobe Lightroom - Limited Business Proficiency

Deep learning - Limited Business Proficiency
MATLAB - Beginer
GAMS - Limited Business Proficiency
Arena - Limited Business Proficiency
Expert Choice- Limited Business Proficiency
SEO- Limited Business Proficiency
Adobe Photoshop - Limited Business Proficiency
Photography- Limited Business Proficiency