Mohammad Rahimi

RESEARCH ENGINEER IN OPERATIONS RESEARCH

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Summary

○ Industrial Engineer with 3.5 years of professional experience in Business process Management & Supply Chain Management and 4 years of research experience in Operations Research.

○ Engaged in multidisciplinary projects in Oil & Gas, Railway and Food industries.

○ Profecient in System Analysing & Modeling and Operations Research methods.

○ Effective interpersonal communication with excellent problem solving/analytical skills and autonomous in working

Skills

Operations Research	Advanced in Multi-objective Mathematical Modeling, Linear/Nonlinear/Integer programming, Stochastic programming methods, Resolution approaches (exact, heuristic, meta-heuristic).
Supply Chain	Business process management, Conceptual modeling (UML), Data analysis, Project Management.
Software	Advanced in MATLAB, MS. PROJECT. Intermediate in CPLEX, SQLSERVER. Beginner in C++.

Professional Experience

2017-Present — **Research Engineer in Operatins Research**, *INRIA*, Lille, France.

○ Developing a decision making tool for optimizing and scheduling the unforeseen maintenance activities in railway industry.

○ Creating novel tool to balance service level and system cost considering the uncontrollable parameters (C++, Cplex).

2013-2017 — **PhD in Operatins Research**, *INSA-Lyon,* Lyon, France.

○ Developed a multi-objective decision making framework to optimize the distribution and inventory of perishable products in food industry.

○ Provided managerial instructions such as product pricing, online distribution planning.

○ Considered appropriate stochasting programming methods and meta-heuristics approaches (Matlab).

2009-2012 — **Supply Chain Engineer**, *Iranian Offshore Engineering and Construction Co.,* Tehran, Iran.

○ Responsibilities covered modeling/analysing and improvement of business processes (UML), auditing the quality of suppliers, auditing the supply chain and preparing the evaluation reports, demand forecasting, distribution scheduling, insuring inventory level.

○ Offshore general contractor to install production facilities necessary for oil and gas industry, *Project:* south pars gas field development phases 20/21($120 million).

Education

2017 — **PhD in Industrial Engineering**, *DISP Laboratory, INSA-Lyon*, Lyon, France.

Conducted research in OPERATIONS RESEARCH. *Thesis:* Combining the Logistics & Inventory Problem under dynamic, uncertain and green criteria. Two published papers, two under revision & five conference papers.

2013 — **Master in Industrial Engineering**, *G-SCOP Laboratory, INP-Grenoble*, Grenoble, France.

Major: New product development. *Thesis:* Classification of knowledge elicitation tools based on knowledge types in a new product development process.

2007 — **Bachelor in Industrial Engineering**, *Sharif University*, Tehran, Iran.

Languages

Persian (mother tongue), English (Advanced), French (Intermediate).