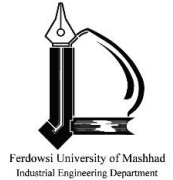




# Reza Atefi

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Date of Birth: Nov. 7<sup>th</sup> 1989  
City of Birth: Mashhad, Iran  
Marital Status: Single  
Sex: male

Address: #90, 10th Shahid Ebrahimian avenue, Shahid Rostami Street, Mashhad, Khorasan Razavi Province, Iran  
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## EDUCATION

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M.Sc. in Industrial Engineering, 2012-2015  
Ferdowsi University of Mashhad, Mashhad, Iran  
GPA: 17.36 out of 20  
Thesis Title: New Procedure to Solving the Close-Enough Arc Routing Problem

B.Sc. in Industrial Engineering, 2008-2012  
Birjand University of Technology  
GPA: 17.27 out of 20  
Thesis Title: Just-in-Time Preemptive Parallel Machines Problem with Costs of Earliness/Tardiness and Interruption.

High School Diploma in Physics and Mathematics, 2004-2008  
Mirza Kouchak Khan, Mashhad, Iran  
GPA: 18.24 out of 20

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## PUBLICATIONS

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- R. Atefi, M. Salari, L. C. Coelho, J. Renaud, “The Open Vehicle Routing Problem with Decoupling Points”, *European Journal of Operational Research*, Pages 316-327, 2018.
- R. Atefi, M. Salari, L. C. Coelho, J. Renaud, “The Open Vehicle Routing Problem with Decoupling Points”, 2018 Optimization Days Conference, 2018.
- R. Atefi, M. Salari, “Covering Salesman Problem with Risk”, in preparation for submission.
- R. Atefi, M. Salari, “Close Enough Arc Routing Problem”, in preparation for submission.
- R. Atefi, M. Salari, “New lower and upper bounds for arc routing problem”, *Seventh International Conference of Iranian Operations Research Society*, Semnan, Iran, 2014.
- R. Atefi, M. Salari, “New Procedure to Solving the Close-Enough Arc Routing Problem”, *Eleventh International Industrial Engineering Conference*, Tehran, Iran, 2015
- M. Siahpour, R. Atefi, S. Effati, “Developing a multi-objective model for locating a new warehouse for bama’s chain store”, *Sixth International Conference on Industrial Engineering and Operations Management*, Kuala Lumpur, Malaysia, 2016.



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- F. Behroozi, M. Salari, A. Birjandi Nejad, R. Atefi, “Nurse Scheduling Problem”, in preparation for submission.
- F. Behroozi, M. Salari, A. Birjandi Nejad, R. Atefi, “Nurse Scheduling Problem: A Case Study in Shahid Kamyab Emergency Hospital of Mashhad”, Second International Conference on Industrial and Systems Engineering (ICISE2016), Mashhad, Iran, 2016.
- S.L. Rahimi Baigi, Z. Naji Azimi, N. Motahari Farimani, R. Atefi, “A simulated annealing for biomedical sample transportation problem”, First International Conference on Industrial Engineering, Management and Accounting, Iran, 2016.

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## SELECTED PROJECTS

- “Sequencing and Scheduling” course project, Implementation of scheduling algorithms in C++, Supervisor: Dr. Mohammad Ranjbar, Spring 2013.
  - “Multi Criteria Decision Making Methods” course project, A Survey of Multi Objective Shortest Path Problems, Supervisor: Majid Salari, Fall 2012.
  - “Facility Planning and Design” course project, A Survey of Dynamic Facility Location Problems, Supervisor: Dr. Farzad Dehghanian, Fall 2012.
  - “Facility Planning and Design” course project, A New Method for Discrete Location Problem, Supervisor: Dr. Farzad Dehghanian, Fall 2012.
  - “Selected Heuristic Methods Used in Industrial Engineering” course project, literature review of Off-Line and Online Parameter Initialization, Supervisor: Dr. Majid Salari, Fall 2012.
  - “Selected Heuristic Methods Used in Industrial Engineering” course project, A literature review of Evolutionary Programming, Supervisor: Dr. Majid Salari, Fall 2012.
  - “Selected Heuristic Methods Used in Industrial Engineering” course project, A Tabu Search for the Multi-Commodity Capacitated Vehicle Routing Problem Based on Minimization the Total Routing Cost and Maximize the Demand Covered By Tour, Supervisor: Dr. Majid Salari, Fall 2012.
  - “The Application of Fuzzy Sets on Decision-Making and Planning” course project, A new algorithm for solving a fuzzy transportation problem using ranking function, Supervisor: Dr. Mohammad Ali Pirayesh, Fall 2012.
  - “Facility Planning” course project, Economic Feasibility Study of Processing Pasta Products in Birjand, Supervisor: Mohammad Kazemi, Fall 2011.
  - Introducing an Executive Model for Interacting Capital Donors with Technological Projects. Endowments Organization of Khorasan Razavi, 2015.
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# Reza Atefi

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## RESEARCH INTERESTS

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- Applied Operation Research, Combinatorial Optimization, Network Optimization, Routing, Supply Chain Management, Risk Management, Project Control, Production Planning and Scheduling, Healthcare Systems, Maintenance and Reliability.
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## ACADEMIC EXPERIENCE

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### ❖ Research Assisrant

- 2014-Present Supervisor: Majid Salari Ferdowsi University of Mashhad

### ❖ Teaching

- 2013-Present IBM ILOG CPLEX Ferdowsi University of Mashhad

### ❖ Teacher Assistant

- Fall 2009 Probability Theory and Applications Birjand University of Technology
  - Spring 2010 Engineering Statistics Birjand University of Technology
  - Spring 2010 Engineering Economy Birjand University of Technology
  - Fall 2010 Operation Research Birjand University of Technology
  - Fall 2010 Project Control Birjand University of Technology
  - Spring 2011 Operation Research Birjand University of Technology
  - Spring 2011 Inventory Control Birjand University of Technology
  - Fall 2011 Queuing Theory Birjand University of Technology
  - Spring 2012 Operation Research Birjand University of Technology
  - Spring 2012 Production Planning and Scheduling Birjand University of Technology
  - Spring 2018 Combinatorial Optimization Ferdowsi University of Mashhad
  - Fall 2018 Combinatorial Optimization Ferdowsi University of Mashhad
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## ACADEMIC EXPERIENCE

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- Integer Programming (18.50/20), Multi-Criteria Decision Making Methods (16.63/20), Queuing Theory (19/20), Sequencing and Scheduling (17/20), Probability Theory and Applications(18.25/20), Engineering Economy (18.75/20), Operations Research(17/20), Project Control (18.25/20) , Inventory Control (20/20), Production Planning and Scheduling (18.50/20), Maintenance Planning (19/20), Time and Motion Study(20/20)
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## CERTIFICATES

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International Certification as ISO 9001: 2008 Auditor.

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# Reza Atefi

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## COMPUTER and PROGRAMMING SKILLS

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Programming Languages: C/C++, HTML

Optimization Software: IBM ILOG CPLEX, GAMS.

Technical Software: MATLAB, Minitab, SPSS, Vensim, Arena, LEKIN, CRAFT.

Microsoft Office (Excel, Word, PowerPoint, Visio), Prezi, Dreamweaver.

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## LANGUAGES

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Persian: Native

English: Good

Arabic: Good

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