



Mondher Hachicha

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Profile

- A PhD graduate, with solid background in operations research and good experience in the industry.
- Analytical and organized person with a confirmed ability to model and solve complex problems.

Education

- **University of Sfax, Tunisia** **2008-2015**
PhD in quantitative methods
Thesis: *Multi-model parcel routing and scheduling combining fixed and variable timetables. We developed a mathematical model and a solution method to determine the routing and scheduling that minimize the total weighted shipping time between all pairs of origin and destination customers.*
Supervised by: Dr Omar Ben Ayed
- **Ecole HEC Montréal, Canada** **1995-1998**
Master in management science
Option: Modelisation and decision
Thesis: *Heuristic for the multi-vehicle covering tour*
A common application of this problem arises in the delivery of health care facilities by mobile units in developing countries
Supervised by: Gilbert Laporte
- **University of Sfax, Tunisia** **1990-1994**
BAA in quantitative methods
Thesis: *Economic model for the estimation of payment balance*

Work experience

- **Commercial manager** **2003-2010**
Management of a distribution company of agriculture & maritime fishing products:
 - ✓ Inventory
 - ✓ Orders

- **Distribution manager in a dairy production plant (Tunisia)** **1999-2003**
 - ✓ Warehouse management
 - ✓ Distribution scheduling
 - ✓ Vehicle maintenance management
 - ✓ Reverse logistic management

- ***Ecole HEC Montreal, Canada*** **1996**
Tutor for BAA students in mathematical finance and operations research

- ***Phillips Whirlpool*** **1994**
Sales manager

- ***SIAPE (the biggest plant in Tunisia)*** **1993**
Student's training course in supply direction

Academic experience

- ***Assistant Professor, Department of Management, Ahmed Bin Mohammed Military College, Doha*** **2018 to present**

- ***university of Sfax, Tunisia*** **2007**
Operations research teacher

- ***Ecole HEC Montreal, Canada*** **1996**
consultant for BAA students in mathematical finance and operations research

Teaching

Supply chain management
Transportation Management
Operations research
Principles of Management
Total Quality Management
Organizational Behaviour
Operations Management
Marketing Management
Mathematical Finance
Operations Research

Publications

- **Mondher Hachicha, Omar Ben-Ayed**
Fleet network design problem of a freight transportation company
This paper is scheduled to be submitted during this year
- **Mondher Hachicha, M John Hodgson, Gilbert Laporte, Frédéric Semet.**
Heuristic for the multi-vehicle covering tour. *Computers & Operations Research*, Volume 27, Issue 1, January 2000, Pages 29-42

Awards and honours

- Scholarship award from the *Canadian International Development Agency (CIDA)* for the excellence of the academic records **1995-1997**

Computer skills

- Statistical: Excel, SPSS/RATS
- Programming Software: PASCAL, C, C++, JAVA, and VB
- Operating system: DOS, UNIX, WINDOWS
- Other relevant skills: CPLEX and LINGO (Linear Programming Solver)

Languages

- Arabic (Excellent)
- French (Excellent)
- English (Good)