SALIMA DELHOUM

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Objective

Industrial engineering, operations research/systems analysis, market research analyst, forecaster, scheduler positions.

Education

Master of Science in Industrial Engineering, concentration operations research/systems analysis, May 2000
Department of Industrial Engineering, University of Houston
GPA: 3.59/4.00

Bachelor of Science in Operations Research, USTHB University, Algiers, Algeria, 1995

Academic & Professional Experience

Master's Thesis: Spent at a major airlines Headquarters. Built an air travel flight simulator to forecast bookings on site, Summer 1999

University of Houston:
-Research assistantship on the Bomb Threat Training Simulator, Spring 1998

-Teaching assistantships in project management, industrial scheduling, logistics, etc., Fall 1998-Spring 2000

Algeria's oil and gas company: Sonatrach, Algiers, Algeria, 1996
Operations Research Analyst, Systems Development Department
Team Member of the Technical Information Management System project
Work involved mathematical modeling of a decision making tool for "what if" cases (production, transportation, commercialization)

BERTEC (private research company), 1995
Operations Research Modeler in charge of econometric case studies in terms of demand and supply

Senior year of USTHB University, 1994-1995
-Developed a model for forecasting energy demand in the long term in Algeria

-Became acquainted with European and American (NEMS) energy demand and supply models at Sonatrach, Ministry of Energy and Mines, APRUE (Algerian agency for the rationalization of the utilization of energy)

Awards & Memberships

Member of the Tau Beta Pi, the Engineering Honor Society
Fellowship, Dept. of Industrial Engineering, University of Houston
Member of the Institute of Industrial Engineers

Skills

Integration of economics, mathematics and statistics for
-System modeling: econometric modeling, mathematical modeling (optimization), simulation modeling (system dynamics)
-Statistical decision analysis under risk and uncertainty

Computer Skills

Microsoft Office: Excel, word, ms project, power point, ms photo editor; Statistical Packages: SPSS, Math lab, Statistica, Relpac, Quattro Pro; Simulation Software: Ithink (system dynamics models), GPSS, Authorware; Operations Research: Lindo, Scheduling: Lekin; Programming: Basic, Fortran; Materials Handling: Mhand; Artificial Intelligence: Neurelware; CAD-CAM: Smart CAM, GIBBS

Languages

Arabic, English, French, and Italian

Hobbies

Tennis