E. Arda Sisbot

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Education

Sabanci University   Istanbul, Turkey
MSc. (Expected), Industrial Engineering   *Sept 2009 - Jun 2011*
  – Thesis : Multiple Project Scheduling under Uncertainty
  – GPA: 3.62/4 (Current)

Galatasaray University   Istanbul, Turkey
BSc. Industrial Engineering   *Sept 2005- Jun 2009*
  – Final Project : A heuristic approach to Pickup-Delivery Problem
  – GPA: 3.13/4 — Ranked 4th *in Industrial Engineering Department*

Saint Joseph French High School   Istanbul, Turkey
Baccaleureate   *Sept 2001 - Jun 2005*

Assistantships

Sabanci University   Istanbul, TR
Research Assistant - Multi-Project Scheduling under Uncertainty   *July 2010 - Present*
  – Developing algorithms to generate robust proactive schedules for multi-mode project
    stochastic environment. Considering also reactive procedures to deal with acitivity-resource
    related disruptions.
  – Developing solution approaches to resource allocation problems between in case of
    inter-project dependability

Sabanci University   Istanbul, TR
Teaching Assistant on Various Courses   *Sept 2010 - Present*
  – TA'd for Ens208 (Introduction to Manufacturing Systems Engineering - Fall 2009/ Summer
    2010), MS305 (Simulation - Spring 2010). Currently for MS412 (Financial Engineering)
  – Giving recitations for audiences over 40 students, grading projects and exams, preparing
    additional course materials.

Internships

BP Turkey   Istanbul, TR
Logistics Systems Intern   *Jun - Sept 2008*
  – Designed a currently used Decision-Aid software to determine the optimal allocation of the
    stations to main depots. This software is especially used when a new station opens, also gives
    opportunity to see the entire distribution network on an editable map.

Quattro Business Consulting   Istanbul, TR
Turkey Logistics Sector Project 2008(TLSA) Intern   *Jan - March 2008*
  – Worked in the TLSA project where the aim was to identify country-wide logistics problems,
    trends and opportunities by analysing logistics service providers of different sectors and reach
    a countrywide perspective.

Awards & Honors

Tubitak Project Scholarship	Oct 2010
Sabanci University Full Tuition Grant and Scholarship	Sept 2009
6th LODER Case Study Competition , **1st prize**	Jun 2009
Ranked **4th** in Industrial Engineering Department, Galatasaray University	Jun 2009
Italian Government Scholarship for Language Studies (1 month)	May 2009
Quattro Business Consulting Tuition Scholarship	Feb 2008
ITU Logistics Project Competition - KARIYERIMI TASIYORUM, **1st prize**	Feb 2008
Ranked **1st** among 700, Galatasaray University Entrance Exam	Sept 2005

Selected Academic Projects

Generating Robust Proactive Schedules in Multi-Project setting with activity-related uncertainties

Constraint Programming approach to Carry-over Effect Minimization Problem in Sport Scheduling

Implementing Simplex Algorithm in Matlab

Analysis of Private Information on Retailer's Effort in a Two-Stage Supply Chain

Extending Clark-Wright Heuristic to Pickup Delivery Problem

Skills

Programming: C/C++, C#, Java, LaTeX, html, CSS

Software Packages: CPLEX, OPL Studio, Gams, MatLab, SPSS, Minitab, Arena, Promodel

Languages: English (TOEFL:106/120), French (Baccalaureate), Italian(C1 level determined by Perugia University, Italy- Best is C2)

Interests and Activities

Sailing - Member of Sabanci University Sailing Club and holder of a sailing license

Also Tennis, Architecture, Guitar and Cinema