

# BAŞAK TOZLU

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Kılıçdede M. Suphibey S. No: 1/8  
55060 İlkadım, Samsun, Turkey

## EDUCATION

- Aug. 2015-Aug. 2016**  
(Incomplete) **HEC Montréal, Montréal, Québec, Canada**  
PhD Degree, **Logistics and Operations Management**  
Been granted to Full Research Grant & International Tuition Fee Exemption Award. Completed six PhD-level courses at HEC Montréal and at McGill University.
- Sept. 2012-Aug. 2015**  
**Sabanci University, Istanbul, Turkey**  
**Faculty of Engineering and Natural Sciences**  
MSc Degree, **Industrial Engineering**  
100% Scholarship. GPA: 3.58/4.00  
MSc Thesis: “Modeling and Analysis of a Home Care Routing Problem”
- Sept. 2008-Jun. 2012**  
**Koc University, Istanbul, Turkey**  
**College of Engineering**  
BSc Degree, **Industrial Engineering**  
50% Scholarship. GPA: 3.44/4.00  
Graduated in seven semesters.  
Received “Vehbi Koç Honor Award” for three semesters.
- Sept. 2004-Jun. 2008**  
**Samsun Atatürk Anatolian High School, Samsun, Turkey**  
GPA: 94/100

## WORK EXPERIENCE

- Aug. 2015-Aug. 2016**  
**HEC Montréal, Montréal, Québec, Canada**  
Research Assistant
- Research member of CIRRELT (Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation).
  - Prepared detailed literature review reports on electric vehicles and taxi dispatching in the field of supply chain management.
- Sept. 2013-Jul. 2015**  
**Sabanci University, Istanbul, Turkey**  
Research Assistant, **Faculty of Engineering and Natural Sciences**
- Worked on a vehicle routing problem with time windows and multi-skills on a real-world home healthcare problem.
  - Contributed to a project funded by TUBITAK (The Scientific and Technological Research Council of Turkey) for one semester.
- Sept. 2012-Jul. 2015**  
**Sabanci University Faculty of Engineering and Natural Sciences, Istanbul, Turkey**  
Teaching Assistant, **Department of Manufacturing Systems Engineering**
- Held recitation hours and office hours of Operations Research courses weekly.
  - Assisted the lecturer in preparation and grading of assignments, exams and projects.
  - Held the position of the head TA for two semesters of five in total.
- Jan. 2012-Jul. 2012**  
**Koc University, Istanbul, Turkey**  
Independent Study, **College of Engineering**

- Simulated the operations of a call center of a private Turkish bank on Arena as the graduation project.
  - Provided efficient policies for the assignment problem of multi-skilled agents to address multi-purpose and multi-class calls of impatient customers.
- Sept. 2011-Jan. 2012**      **Koc University College of Engineering, Istanbul, Turkey**  
Work-Study Teaching Assistant, **Department of Computer Engineering**
- Held laboratory lectures on Microsoft Excel weekly.
  - Assisted the lecturer in evaluation of assignments and projects.
- Jun. 2011-Aug. 2011**      **Nortel Netaş, Ümraniye, Istanbul, Turkey**  
Intern, **Technical Administration**
- Observed dynamics of service systems and assembly service operations.
- Jul. 2010-Aug. 2010**      **Samsun Machinery Industries, Tekkeköy, Samsun, Turkey**  
Intern, **Production Department**
- Observed manufacturing processes by working in the Assembly, Test and Quality Control Departments.
  - Assisted the Quality Control Department in preparing reports of spectrometric analyses.

## PUBLICATIONS

- 2015, Cape Town**      “Crew Constrained Home Care Routing Problem with Time Windows.”  
By: Tozlu, Başak; Daldal, Rebi; Çatay Bülent; Ünlüyurt, Tonguç.  
In: IEEE Symposium Series on Computational Intelligence

## COMPUTER SKILLS

- Basics:**      Windows 7/8/XP/Vista, Mac OS 8/9/10, Microsoft Office Applications.  
**Languages:**      C++, OPL, JAVA, VBA.  
**Others:**      MATLAB, Arena, CPLEX, GAMS, STELLA, Minitab.

## SKILLS

- Academic:**      **GRE** Quantitative Score: 170/170  
**Languages:**      **English** (Advanced) - **TOEFL Score:** 103/120 (Dec 2014)  
                                 **Turkish** (Mother-tongue), **Russian** (Intermediate), **French** (Beginner)

## ACTIVITIES & VOLUNTARY WORK

- 2014 - 2015**      Sabanci University, “**GreenSU**”, Project Conductor  
Worked for a sustainable campus in the Sabanci University Tuzla campus.  
Participated in “**Students Go Green Project**”, sponsored by the Consulate of USA.
- 2010 - 2015**      Community Volunteers Foundation (**Toplum Gonüllüleri Vakfi**), Volunteer  
(Dec 2013)      Participated in the project “**Youth From Germany and Turkey: Connecting Bridges - Deutsch-Türkische Jugendbrücke gGmbH (DTJB)**” in Istanbul, Turkey.  
(Aug 2013)      Participated in the project “**Variety of Urban Participation**” in Cologne, Germany.
- 2010 - 2012**      Koc University **Society of Women Engineers**, Member  
**2010 - 2012**      Koc University **Community Volunteers**, Member  
(June 2012)      Attended to the project “**Doğal Olarak Genciz**” in Samsun, Turkey.
- 2009 - 2011**      Koc University **Russian Club**, Bookkeeper  
**2009 - 2011**      Koc University **Folklore Club**, Dancer  
Participated in international folklore festivals; Portugal (2010) & Romania (2011).
- 2008 - 2011**      Koc University **Industrial Engineers Club**, Member