

# Firat Kilci

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<b>Education</b>	<b>The University of Texas at Austin</b> <b>Ph.D., Operations Management</b>	<b>Austin, TX</b> <b>Aug 2021 - Present</b>
	<b>The University of North Carolina at Chapel Hill</b> <b>M.Sc., Statistics and Operations Research</b> Advisor: Dr. Nilay Tanik Argon Thesis Title: Computational Studies on Different Regeneration Methods in Steady State Simulations	<b>Chapel Hill, NC</b> <b>Aug 2012 - May 2014</b>
	<b>Bilkent University</b> <b>M.Sc., Industrial Engineering</b> Advisor: Dr. Bahar Yetis Kara, Dr. Burcin Bozkaya Thesis Title: A Decision Support System for Shelter Site Selection with GIS Integration	<b>Ankara, Turkey</b> <b>Sep 2010 - Jul 2012</b>
	<b>Bilkent University</b> <b>B.Sc., Industrial Engineering</b>	<b>Ankara, Turkey</b> <b>Sep 2005 - Jun 2009</b>
<b>Research Interests</b>	Methodologies – <i>Mathematical programming, data analytics, machine learning</i> Application Areas – <i>Data-informed decision making, applications of machine learning in operations management, pricing and revenue management</i>	
<b>Skills</b>	<b>Programming:</b> C#, Python <b>Optimization:</b> CPLEX, Gurobi <b>Statistical Packages:</b> R <b>Other Software:</b> Arena (Simulation), SQL	
<b>Publications</b>	<b>Kilci, F.</b> , Kara, B.Y. and Bozkaya, B., 2015. Locating temporary shelter areas after an earthquake: A case for Turkey. <i>European Journal of Operational Research</i> , 243(1), pp.323-332.	
<b>Working Papers</b>	Arslan, A.M., <b>Kilci, F.</b> , Cheng, S., Misra, A. Choice-based Crowdshipping: A Dynamic Task Display Problem. Target Journal: <i>European Journal of Operations Research</i> .	
<b>Professional Experience</b>	<b>Prorize LLC</b> <i>Winner of 2017 INFORMS Franz Edelman Award</i> Director, Pricing Science Senior Pricing Scientist Pricing Scientist	<b>Atlanta, GA</b> February 2020 - July 2021 January 2017 - January 2020 July 2014 - December 2016
	<ul style="list-style-type: none"><li>• Overseeing the entire data integration and pricing process to ensure seamless integration of Prorize’s software</li><li>• Acting as a consultant to Prorize’s clients, offering strategic advice</li><li>• Performing ad-hoc analyses to offer creative solutions to Prorize’s clients’ business problems</li><li>• Maintaining Prorize’s pricing algorithm and seeking opportunities for constant improvement</li></ul>	

**The University of North Carolina at Chapel Hill**  
Teaching Assistant

**Chapel Hill, NC**  
August 2012 - May 2014

- Undergraduate level linear programming course (STOR 415) - 1 semester
- Undergraduate level stochastic programming course (STOR 445) - 1 semester
- Graduate level linear programming course (STOR 614) - 1 semester

**Bilkent University**  
Teaching Assistant

**Ankara, Turkey**  
August 2010 - June 2012

- Undergraduate level simulation course (IE 324) - 4 semesters