

İBRAHİM OZAN YILMAZLAR

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Education	Clemson University, USA	2018-....
	PhD student in Industrial Engineering.	
	Istanbul Technical University, Turkey	2012-2018
	Double major in Industrial Engineering and Mathematical Engineering (GPA:3.49)	
	Isiklar Military High School, Turkey	2007-2011
Publication	<u>Yılmazlar I.O., Yaylali E., Kurt M.</u> Scheduling the Turkish Soccer League with Integer Programming. Working paper (Target journal: Computers & Operations Research)	
Experience	Teaching Assistant	August 2018-December 2018
	(under the supervision of Dr. Robert Riggs)	
	Research Assistant	September 2016 – May 2016
	(under the supervision of Assist. Prof. Dr. Emine Yaylali and Dr. Murat Kurt, Merck)	
	We developed a mixed-integer linear programming model for scheduling of the Turkish Soccer League. The objective of the schedule is to minimize the total carry-over effects value of the League while satisfying a set of local and home-away conditions. We, then developed a two-stage iterative heuristic which assigns the teams to the games in the first stage and allocates home-away designations in the second stage. Coded in MATLAB, the heuristic improves the current schedule 80% in terms of the carry-over effects value while satisfies all conditions.	
	Eczacıbaşı Internship	June 2016 – October 2016
	It was a project based internship in one of the major companies in Turkey. I prepared a project about positioning of international brand (Villeroy& Boch) in Turkey while considering the distribution channels, price comparison, brand perception and some other factors. I presented my project to a group of directors and managers from Eczacıbaşı.	
	Vestel A.Ş, Internship	June 2015 – July 2015
	In this manufacturing internship, I learned and applied time study analysis, ergonomic controls, communication among suppliers. I worked in the household goods department and observed the production of home appliances.	

Deloitte Internship

January 2015 – February 2015

I worked as data analyst for the consultation of a sports betting company. I collected data on online markets, customer behaviors and the size of betting market. This work has been published in national newspapers and received recognition.

Leadership

Scientific and Technological Research Council of Turkey

May 2013

Mentoring to participants in High School Project Competition. I was responsible for their project representation, accommodation, transportation and other problems during whole week.

Istanbul Technical University, Industrial Engineering Society

I worked in industrial engineering society and I was in organization and sponsor searching team for annual Industrial Engineering Student Symposium.

Computer Skills

Programming Languages: C++, MATLAB, Java

Operational Research Software: Julia, LINDO/LINGO, GEMS

Statistical Software: Spss, Minitab

Others: Microsoft Office, Autocad

Honors

Scientific and Technological Research Council of Turkey (TUBITAK)

High School project competition in mathematics 3rd place, Turkey, 2011

High School project competition in mathematics 4th place, Turkey, 2010

Symposiums and Trainings

- Leadership, Deloitte Foundation
- Time Management, Deloitte Foundation
- Risk Management, Deloitte Foundation
- Personality Inventory, Deloitte Foundation
- Stress Management, Deloitte Foundation
- Innovative Consideration Techniques, Deloitte Foundation
- Voice-Breath-Diction, Deloitte Foundation
- Presentations Skill Training, Deloitte Foundation
- Conflict Management and effective communication, Deloitte Foundation
- Buyak- Advance Consultancy Training Boğaziçi University

Certificated Programs

- Microsoft Office Training, Bilginadam, Turkey
- Programming Language Java, Society of C and System Programmers, Turkey