

ÖMER SARITAÇ

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EDUCATION

London Business School, <i>Ph.D. in Management Science and Operations</i>	2018-2024
Bilkent University, <i>M.S. in Industrial Engineering</i>	2015-2017
Bilkent University, <i>B.S. in Industrial Engineering</i>	2011-2015

PUBLICATIONS

[Centralized versus Decentralized Pricing Controls for Dynamic Matching Platforms](#), *Aouad, S., and Yan*, Working Paper (2023)[[code](#)]

Appeared in the 24th ACM Conference on Economics and Computation (EC), 2023

[Dynamic Stochastic Matching Under Limited Time](#), *Aouad and S.*, Operations Research (2022) [[code](#)]

Appeared in the 21st ACM Conference on Economics and Computation (EC), 2020

[Online Contextual Influence Maximization with Costly Observations](#), *S., Karakurt, and Tekin* IEEE Trans. Signal Inf. Process. over Networks (2019)

[Combinatorial multi-armed bandit problem with probabilistically triggered arms: A case with bounded regret](#), *S., and Tekin*, IEEE Global Conference on Signal and Information Processing (GlobalSIP) (2018)

INVITED TALKS AND CONFERENCES

[Centralized versus Decentralized Pricing Controls for Dynamic Matching Platforms \(Video\)](#)

- 24th ACM Conference on Economics and Computation (EC), 2023
- M&SOM Annual Conference, 2023
- INFORMS Revenue Management and Pricing Section Conference, 2023
- Transatlantic Doctoral Conference, 2023
- INFORMS Annual Meeting, 2022
- Market Innovation Workshop, 2021

[Dynamic Stochastic Matching Under Limited Time](#)

- INFORMS Annual Meeting, 2021, 2019
- Market Innovation Workshop, 2021

- 21th ACM Conference on Economics and Computation (EC), 2020

WORK EXPERIENCE

Research Intern - Data Science Team

Bolt, 05/2023 – 07/2023

- I studied the effects of Bolt's decentralized pricing and its interplay with matching, guiding our ongoing research projects.

Data Scientist

Invent Analytics, 08/2017 – 11/2018

-Developed an assortment optimization algorithm and a tree-based method to predict the impact for a large retailer in US. With Gürhan Kök.

Research Assistant

Brain Research Institute - University of Zurich, 06/2014 – 07/2014

-I worked on a neuroscience project implementing statistical learning methods to predict mice behavior.

INDUSTRY COLLABORATION

Bolt, 12/2022 - Present

-We have been working on understanding the impact of various decentralized pricing schemes at Bolt through data-driven analysis and simulation.

TEACHING

Data Analytics for Management (Executive MBA), London Business School, *Graduate Teaching Assistant*

- Spring 2022, Fall 2020
- I participated in workshops to assist students with data science case studies

Decision Analytics and Modeling (Master of Analytics), London Business School, *Graduate Teaching Assistant*

- Spring 2022, 2021, 2020
- I helped with the development of a new workshop, and organisation of a pricing game

Data Mining for Business Intelligence (Elective), London Business School, *Graduate Teaching Assistant*

- Summer 2022
- I participated in workshops to assist students with data mining projects using real-world data

Machine Learning for Big Data (Master of Analytics), London Business School, *Graduate Teaching Assistant*

- Fall 2020

Applied Statistics - IE 551, Bilkent University, *Graduate Teaching Assistant*

- Spring 2017

Applied Data Analysis - IE 451, Bilkent University, *Instructor and Graduate Teaching Assistant*

- Spring 2017, Fall 2016, Spring 2015
- I developed the content and instructed courses on various statistical learning methods

Forecasting Methods and Applications - IE 423, Bilkent University, *Teaching Assistant*

- Fall 2015
- I held review sessions in forecasting methods for time series data

Stochastic Modeling - IE 325, Bilkent University, *Teaching Assistant*

- Fall 2014

SERVICES

Reviewer

Management Science, Manufacturing & Service Operations, Operations Research

SKILLS

Daily use in research: Python and R

Programming experience: Java and MATLAB

Other: Mathematica and Gurobi