Omer Berk OLMEZ — Curriculum Vitae

Contact Information

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Education

Ph.D., Operations and Decision Analytics, Zicklin School of Business, Baruch College, CUNY*, 2021 – Present*
Thesis title: "Managing Multi-Channel Service Operations"
Thesis advisor: Alex Mills

M.S., Industrial Engineering, Ozyegin University*, 2018 – 2021*
Thesis title: "An adaptive large neighborhood search for the inventory routing problem using vehicles with multiple and configurable compartments"
Thesis advisor: Ali Ekici

B.S., Industrial Engineering, Ozyegin University*, 2013 – 2018*
Senior Design Project: "A clustering algorithm for determining global warehouse locations for Arcelik"

Publications & Working papers

Working Papers
W1. Olmez, O.B., Mills, A. "Pooling Physical and Virtual Services", R&R at Manufacturing & Service Operations Management
W2. Olmez, O.B., Mills, A., Huang, M. "Understanding Customer Preferences for Virtual Versus In-Person Services"
W3. Olmez, O.B., Mills, A., Cakici, O. "Payment Parity Policies on Multi-Channel Healthcare"

Journal Publications
J1. Olmez, O.B., Gultekin, C., Balcik, B., Ekici, A., Ozener, O.O. 2022. "A variable neighborhood search based matheuristic for a waste cooking oil collection network design problem", *European Journal of Operations Research*, 302(1), 187–202

Book Chapters
B1. Gultekin, C., Olmez, O.B., Balcik, B., Ekici A., Ozener O.O. 2020. "A decomposition-based heuristic for a waste cooking oil collection problem", in *Green Transportation and New Advances in Vehicle Routing Problems, Springer, Cham.*

Academic Positions

Graduate Assistant 08/2021 – Present
Baruch College, CUNY, New York, USA

Research Assistant 01/2024 – 09/2024
New York City College of Technology, CUNY, New York, USA
Project Title: PFI-TT: Prototyping a quantum-powered AI building platform.
Description: Assisted in developing benchmarks with convolutional neural networks to evaluate the performance of quantum computing algorithms.

Teaching Assistant 09/2018 – 06/2021
Ozyegin University, Istanbul, Turkey

Awards & Fellowships

Mills Tannenbaum Research Excellence Award*, 2023*
Baruch College, CUNY, New York, USA
Description: In recognition of outstanding research as a doctoral student.

Teaching Activities

Instructor*, Baruch College, CUNY*
Course title: Foundations of Predictive Analytics and Decision Modeling (QNT2020)

Fall 25, Spring 25, Fall 24, Spring 24, Fall 23, Spring 23, Fall 22

Course title: Service Operations Management (OPM3000)
Spring 26

***Teaching Assistant**, Ozyegin University*
Course title: Mathematical Modelling and Exact Methods (IE342)
Spring 20, Fall 20, Summer 19, Spring 19, Fall 18
Course title: Mathematical Modelling and Heuristic Methods (IE343)
Spring 19, Fall 19
Course title: Optimization in Finance (IE361)
Fall 20, Spring 21

***Undergraduate Teaching Assistant**, Ozyegin University*
Course title: Introduction to Computer Programming (CS101)
Fall 14, Spring 15

Conference Activities

Conference Presentations

Presented work:"Understanding customer preferences for virtual versus in-person services"
POMS 35th Annual Conference 2025, Atlanta, GA.

Presented work:"Pooling in-person and virtual queues with an application to telehealth"
INFORMS MSOM Conference 2025, London, UK.
INFORMS Annual Meeting 2024, Seattle, WA.
POMS International Conference 2024, Istanbul, Turkey.
POMS 34th Annual Conference 2024, Minneapolis, MN.
INFORMS Annual Meeting 2023, Phoenix, AZ.

Skills & Certificates

Programming Skills

Python, Java, C++, R, MATLAB,
Gurobi, CPLEX, Baron,
Qiskit (QWorld Bronze Certificate)