

# Omer Berk Olmez

Curriculum Vitae

1 Bernard Baruch Way  
New York, NY, 10010  
[omerberk.olmez@baruch.cuny.edu](mailto:omerberk.olmez@baruch.cuny.edu)  
<https://berkolmez.github.io/>

## EDUCATION

---

### Ph.D., Operations and Decision Analytics

expected May 2026

Zicklin School of Business, Baruch College, CUNY

Thesis: "Managing Multi-Channel Service Operations"

### M.S., Industrial Engineering

2021

Ozyegin University, Turkey

Thesis: "Multi-compartment inventory routing problem with adjustable compartment sizes"

### B.S., Industrial Engineering

2018

Ozyegin University, Turkey

## RESEARCH PAPERS

---

1. **Olmez, O.B.** and Mills, A. 2025. "Pooling Physical and Virtual Services", revising to resubmit to *Manufacturing & Service Operations Management*.
2. **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 Operational Research*, 302(1), 187–202.
3. 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*, 159–176, Springer, Cham.

## WORKS IN PROGRESS

---

1. Understanding Customer Preferences for Virtual Versus In-Person Services (**Olmez, O.B.**, Mills, A. and Huang, M.) Work in progress: analysis stage.
2. Payment Parity Policies on Multi-Channel Healthcare (**Olmez, O.B.**, Mills, A. and Cakici, O.) Work in progress: analysis stage.

## TEACHING ACTIVITIES

---

### Instructor, Baruch College, CUNY

- QNT2020: Foundations of Predictive Analytics and Decision Modeling  
Fall 25, Spring 25, Fall 24, Spring 24, Fall 23, Spring 23, Fall 22  
Average instructor rating: 4.4/5
- OPM3000: Service Operations Management  
Spring 26

## CONFERENCE PRESENTATIONS

---

### Understanding Customer Preferences for Virtual Versus In-Person Services

POMS 35th Annual Conference 2025, Atlanta, GA.

### Pooling Physical and Virtual Services

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.

## RESEARCH EXPERIENCE

---

### Research Assistant

01/2024 – 09/2024

New York City College of Technology, CUNY

*Project:* PFI-TT: Prototyping a quantum-powered AI building platform.

- Assisted in developing benchmarks with convolutional neural networks to evaluate the performance of quantum computing algorithms.

### Research Assistant

11/2019 – 06/2021

Ozyegin University, Turkey

*Project:* Matheuristic Solution Approaches for the Multi-Product Inventory Routing Problem with Multi-Compartment Vehicles

- Funded by Turkish Science Foundation.

## AWARDS & FELLOWSHIPS

---

Mills Tannenbaum Research Excellence Award, Baruch College, CUNY

2023

Full Scholarship for M.S. Studies, Ozyegin University

2018–2021

50% Scholarship for B.S. Studies, Ozyegin University

2013–2018

## SKILLS AND CERTIFICATES

---

**Programming:** Python, Java, C++, R, MATLAB

**Solvers:** Gurobi, CPLEX, Baron

**Quantum Computing:** Qiskit (QWorld Bronze Certificate)

## REFERENCES

---

### Alex Mills

Professor of Operations and Decision Analytics

Zicklin School of Business, Baruch College, CUNY

Tel: +1 (646) 312-3065 • [Alex.Mills@baruch.cuny.edu](mailto:Alex.Mills@baruch.cuny.edu)

### Tolga Aydinliyim

Associate Professor of Operations and Decision Analytics

Zicklin School of Business, Baruch College, CUNY

Tel: +1 (646) 312-3680 • [Tolga.Aydinliyim@baruch.cuny.edu](mailto:Tolga.Aydinliyim@baruch.cuny.edu)

### Michael Huang

Assistant Professor of Operations and Decision Analytics

Zicklin School of Business, Baruch College, CUNY

Tel: +1 (646) 312-3620 • [Michael.Huang@baruch.cuny.edu](mailto:Michael.Huang@baruch.cuny.edu)