

## EMPLOYMENT

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**University College London (UCL) School of Management** Aug 2023 – Present  
Assistant Professor of Operations and Technology

## EDUCATION

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**UCLA Anderson School of Management** Sep 2017 – Jun 2023  
Ph.D. in Management (advisor: Velibor Mišić) and Postdoctoral Fellow (mentor: Felipe Caro)

**Stanford University** Sep 2014 – Apr 2017  
M.S. in Computational and Mathematical Engineering (advisor: Mykel Kochenderfer)

**National Taiwan University** Sep 2009 – Jun 2013  
B.S. in Physics

## PUBLICATIONS

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### REFEREED JOURNAL PAPERS

- [7] **“Consider or Choose? The Role and Power of Consideration Sets”**  
with Dmitry Mitrofanov  
*Management Science* (forthcoming)  
– Finalist, Service Science Best Cluster Paper Competition, INFORMS, 2024.
- [6] **“On Size Substitution and Its Role in Assortment and Inventory Planning”**  
with Felipe Caro  
*Manufacturing & Service Operations Management* (forthcoming)
- [5] **“Assortment Optimization Under The Decision Forest Model”**  
with Velibor Mišić  
*Manufacturing & Service Operations Management* (forthcoming)
- [4] **“Column-Randomized Linear Programs: Performance Guarantees and Applications”**  
with Velibor Mišić  
*Operations Research* (2025), 73(3): 1366-1383.
- [3] **“Decision Forest: A Nonparametric Approach to Modeling Irrational Choice”**  
with Velibor Mišić  
*Management Science* (2022), 68(10): 7090-7111  
– Honorable Mention, George E. Nicholson Student Paper Prize, INFORMS, 2020.  
– Winner, Decision Analysis Society Student Paper Competition, INFORMS, 2019.  
– 2nd Place, Revenue Management and Pricing Student Paper Competition, INFORMS, 2019.  
– Finalist, Service Science Section Best Paper Competition, INFORMS, 2019.  
– Spotlight Presentation, INFORMS Revenue Management and Pricing Conference, 2019.
- [2] **“Deep Reinforcement Learning for Event-Driven Multi-Agent Decision Processes”**  
with Kunal Menda, Justin Grana, James Bono, Brendan Tracey, Mykel Kochenderfer, and David Wolpert  
*IEEE Transactions on Intelligent Transportation Systems* (2019), 20(4): 1259-1268
- [1] **“Learning Discrete Bayesian Networks from Continuous Data”**  
with Tim Wheeler and Mykel Kochenderfer  
*Journal of Artificial Intelligence Research* (2017), 59: 103-132.

## REFEREED CONFERENCE PAPERS

- [1] **“Improving Offline Value-Function Approximations for POMDPs by Reducing Discount Factors”**  
with Mykel Kochenderfer and Matthijs Spaan  
*IEEE/RSJ International Conference on Intelligent Robots and Systems* (2018)

## OTHER PUBLICATIONS

- [1] **“Clustering Our Challenger Tour”**  
with Onesun Steve Yoo and Association of Tennis Professionals (ATP)  
*ATP 2023 Sustainability Report* (2024), Page 22

## TEACHING

### **UCL School of Management**

Decision Science, BSc in Management Science. 2026  
Statistics for Business Research, MSc in Management. 2023, 2024

## AWARDS AND HONORS

Finalist, INFORMS Service Science Best Cluster Paper Award. 2024  
Dreze Dissertation Award, UCLA Anderson. 2022  
Dissertation Year Fellowship, UCLA. 2021  
Honorable Mention, INFORMS George E. Nicholson Student Paper Prize. 2020  
Winner, INFORMS Decision Analysis Student Paper Award. 2019  
Second Place, INFORMS Jeff McGill Revenue Management and Pricing Student Paper Award. 2019  
Finalist, INFORMS Service Science Best Cluster Paper Award. 2019  
Spotlight Presentation, INFORMS Revenue Management and Pricing Conference. 2019  
Ph.D. Fellowship, UCLA Anderson. 2017  
Presidential Awards, National Taiwan University. 2012, 2013

## TALKS

### SEMINARS

University of York (School for Business and Society), York, United Kingdom 2026 (scheduled)  
Erasmus University Rotterdam (Rotterdam School of Management), Rotterdam, Netherlands 2025  
Tilburg University (School of Economics and Management), Tilburg, Netherlands 2025  
City St George’s, University of London (Bayes Business School), London, United Kingdom 2025  
National Chengchi University (College of Commerce), Taipei, Taiwan 2025  
Imperial College London (Control and Optimisation Seminar), London, United Kingdom 2025

### CONFERENCES AND WORKSHOPS

Durham Early Career Scholars Workshop 2025  
INFORMS Annual Meeting 2018 – 2025  
MSOM Conference 2021, 2024, 2025  
INFORMS Revenue Management and Pricing Conference 2019, 2021, 2024  
European Technology and Operations Management Day 2024  
INFORMS Optimization Conference 2022  
POMS Conference 2019  
Southern California OR/OM Day 2019

## PROFESSIONAL ACTIVITIES

### Peer Review and Judging Activities

Journal reviewer, *Management Science*, *Operations Research*, *Manufacturing & Service Operations Management*,  
*Production and Operations Management*, *Computational Management Science*, and *Naval Research Logistics*.

Review Panelist, INFORMS Harvey J. Greenberg Research Award. 2025  
Reviewer, MSOM Student Paper Competition. 2023 – 2025

## Professional Society Roles

Co-organizer, London Operations Research Day (LORD).

2025 – Present

Council member, INFORMS Decision Analysis Society.

2024 – Present

## RESEARCH SUPERVISION

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### PhD Supervision

Sena Aslı Bozkurt, UCL School of Management (co-advised by Ersin Körpeoğlu).

2025 – Present

Kaan Çakıroğlu, UCL School of Management (co-advised by Kenan Arifoğlu).

2025 – Present

### PhD Dissertation Examination

Asimina Marousi, UCL Chemical Engineering.

2025

## LANGUAGES

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Mandarin (native), English (fluent), Turkish (beginner).