

EMPLOYMENT

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

UCLA Anderson School of Management Ph.D. in Management (advisor: Velibor Mišić) and Postdoctoral Fellow (mentor: Felipe Caro)	Sep 2017 – Jun 2023
Stanford University M.S. in Computational and Mathematical Engineering (advisor: Mykel Kochenderfer)	Sep 2014 – Apr 2017
National Taiwan University B.S. in Physics	Sep 2009 – Jun 2013

PUBLICATIONS

WORKING PAPERS

“On Size Substitution and Its Role in Assortment and Inventory Planning”
with Felipe Caro
Minor revision in *Manufacturing & Service Operations Management*

“Assortment Optimization Under The Decision Forest Model”
with Velibor Mišić
Minor revision in *Manufacturing & Service Operations Management*

REFEREED JOURNAL PAPERS

“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.

“Column-Randomized Linear Programs: Performance Guarantees and Applications”
with Velibor Mišić
Operations Research (2025), 73(3): 1366-1383.

“Decision Forest: A Nonparametric Approach to Modeling Irrational Choice”
with Velibor Mišić
Management Science (2022), 68(10): 7065-7791
— 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.

“Deep Reinforcement Learning for Event-Driven Multi-Agent Decision Processes”
with Kunal Menda, Justin Grana, James Bono, Brendan Tracey, Mykel Kochenderfer, David Wolpert
IEEE Transactions on Intelligent Transportation Systems (2019), 20(4): 1259-1268

“Learning Discrete Bayesian Networks from Continuous Data”
with Tim Wheeler, Mykel Kochenderfer
Journal of Artificial Intelligence Research (2017), 59: 103-132.

REFEREED CONFERENCE PAPERS

“Improving Offline Value-Function Approximation for POMDPs by Reducing Discount Factors”

with Mykel Kochenderfer, Matthijs Spaan

IEEE/RSJ International Conference on Intelligent Robots and Systems (2018)

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

Chau-Ting Chang Memorial Fellowship, Institute of Atomic and Molecular Sciences, Taiwan.

2012

TALKS

INVITED SEMINARS

Tilburg University (School of Economics and Management)

2025 (scheduled)

City St George's, University of London (Bayes Business School)

2025

National Chengchi University (College of Commerce)

2025

Imperial College London (Control and Optimisation Seminar)

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

Council member, INFORMS Decision Analysis Society.

2024, 2025

LANGUAGES

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