

EMPLOYMENT

University College London (UCL) School of Management Assistant Professor of Operations and Technology	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)	2017 – 2023
Stanford University M.S. in Computational and Mathematical Engineering (advisor: Mykel Kochenderfer)	2014 – 2017
National Taiwan University B.S. in Physics	2009 – 2013

PUBLICATIONS

WORKING PAPERS:

“On Size Substitution and Its Role in Assortment and Inventory Planning”

with Felipe Caro

Major revision in *Manufacturing & Service Operations Management*

“Consider or Choose? The Role and Power of Consideration Sets”

with Dmitry Mitrofanov

Minor revision in *Management Science*

– Finalist, 2024 INFORMS **Service Science** Best Cluster Paper Competition.

“Assortment Optimization Under The Decision Forest Model”

with Velibor Mišić

Minor revision in *Manufacturing & Service Operations Management*

REFEREED JOURNAL PAPERS:

“Column-Randomized Linear Programs: Performance Guarantees and Applications”

with Velibor Mišić

Operations Research (2025)

“Decision Forest: A Nonparametric Approach to Modeling Irrational Choice”

with Velibor Mišić

Management Science (2022)

- Honorable Mention, 2020 INFORMS **George E. Nicholson** Student Paper Prize.
- Winner, 2019 INFORMS **Decision Analysis** Society Student Paper Competition.
- 2nd Place, 2019 INFORMS **Revenue Management and Pricing** Student Paper Competition.
- Finalist, 2019 INFORMS **Service Science** Section Best Paper Competition.
- **Spotlight Presentation**, 2019 INFORMS Revenue Management and Pricing Conference.

“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)

“Learning Discrete Bayesian Networks from Continuous Data”

with Tim Wheeler, Mykel Kochenderfer

Journal of Artificial Intelligence Research (2017)

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.

2021 – present

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).