

Yi-Chun Chen

yi-chun.chen@anderson.ucla.edu | <http://yi-chun-chen.github.io>

EMPLOYMENT

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|---|-----------------------|
| University College London (UCL) School of Management
Assistant Professor (tenure track) of Operations and Technology | Starting in Aug. 2023 |
| University of California, Los Angeles (UCLA)
Postdoctoral Fellow at the Anderson School of Management (mentor: Felipe Caro) | July 2022 - June 2023 |

EDUCATION

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| UCLA Anderson School of Management
Ph.D. in Management (Decisions, Operations and Technology Management)
Thesis Committee: Velibor Mišić (advisor), Felipe Caro, Charles Corbett, Kumar Rajaram, Christopher Tang | Sep. 2017 – June 2022 |
| Stanford University
M.S. in Computational and Mathematical Engineering | Sep. 2014 – May 2017 |
| National Taiwan University
B.S. in Physics (Presidential Awards) | Sep. 2009 – June 2013 |

RESEARCH

Submitted and Working Papers

- **Assortment Optimization Under The Decision Forest Model** (2021),
[Yi-Chun Chen](#), Velibor Mišić
Under review.
- **Column-Randomized Linear Programs: Performance Guarantees and Applications** (2020),
[Yi-Chun Chen](#), Velibor Mišić
Minor revision in *Operations Research*.

Refereed Journal Papers

- **Decision Forest: A Nonparametric Approach to Modeling Irrational Choice** (2022),
[Yi-Chun Chen](#), Velibor Mišić,
Management Science, 68 (10): 7065-7791.
 - 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 Section Student Paper Competition**.
 - Finalist, 2019 INFORMS **Service Science Section Best Paper Competition**.
 - **Spotlight Presentation**, 2019 INFORMS Revenue Management and Pricing Conference, Stanford, CA.
- **Learning Discrete Bayesian Networks from Continuous Data** (2017),
[Yi-Chun Chen](#), Tim Wheeler, Mykel Kochenderfer,
Journal of Artificial Intelligence Research, 59: 103-132.
- **Deep Reinforcement Learning for Event-Driven Multi-Agent Decision Processes** (2017),
Kunal Menda, [Yi-Chun Chen](#), Justin Grana, James Bono, Brendan Tracey, Mykel Kochenderfer, David Wolpert,
IEEE Transactions on Intelligent Transportation Systems, 20(4): 1259-1268.

Refereed Conference Papers

- **Improving Offline Value-Function Approximations for POMDPs by Reducing Discount Factors** (2018),
[Yi-Chun Chen](#), Mykel Kochenderfer, Matthijs Spaan,
IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS).

TEACHING

UCLA Anderson School of Management

Teaching Assistantship

- MGMT402: Data and Decisions Fall 2018, Fall 2020
- MGMT410: Logistics and Operations Management Fall 2019
- MGMT240F: Global Supply Chain Management Spring 2022
- MSA408: Operations Analytics Spring 2020
- MSA434: Advanced Workshop on Machine Learning Fall 2020
- MSA435: Data Visualization Fall 2020
- MSA407,413: Data Analytics Industry Seminar Winter 2022, Spring 2022
- MGMTPHD 242: Foundations of Stochastic Modeling Spring 2021

AWARDS AND HONORS

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

PRESENTATIONS

“Assortment Optimization Under the Decision Forest Model”

- INFORMS Revenue Management and Pricing Conference, Online, June 2021.
- MSOM Annual Conference, Online, June 2021.

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

- INFORMS Optimization Conference, Greenville, SC, March 2022.
- INFORMS Annual Conference, Online, Nov. 2020.

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

- INFORMS Annual Conference, Anaheim, CA, Nov. 2021.
- INFORMS Annual Conference, Online, Nov. 2020.
- INFORMS Annual Conference, Seattle, WA, Oct. 2019.
- INFORMS Revenue Management and Pricing Conference, Stanford, CA, June 2019.
- SoCal OR/OM Day, Irvine, CA, May 2019.
- POMS Annual Conference, Washington D.C., May 2019.
- INFORMS Annual Conference, Phoenix, AZ, Nov. 2018.

PROFESSIONAL ACTIVITIES

Ad-hoc journal referee for *Operations Research*, *Manufacturing & Service Operations Management*, *Production and Operations Management*, *Computational Management Science*.