

Yi-Chun Chen

Present Address

11000 Weyburn Dr., Apt. 677, Los Angeles, CA, USA, 90024.

Email

yi-chun.chen.phd@anderson.ucla.edu

Education

University of California, Los Angeles (UCLA), California.

Ph.D. in Management (Decisions, Operations and Technology Management)

9/2017 - present.

Stanford University, California.

M.S. in Computational and Mathematical Engineering

9/2014 - 4/2017.

National Taiwan University, Taiwan.

B.S. in Physics

9/2009 - 6/2013, with Presidential Awards (2012,2013).

Publications

Submitted articles

1. “Column-Randomized Linear Programs: Performance Guarantees and Applications” (2020), **Yi-Chun Chen**, Velibor Mišić, under review in *Operations Research*.
2. “Decision Forest: A Nonparametric Approach to Modeling Irrational Choice” (2019), **Yi-Chun Chen**, Velibor Mišić, under major revision in *Management Science*.
 - Finalist, 2020 INFORMS George Nicholson Student Paper Competition (winners will be announced in 2020 Annual Meeting).
 - Winner, 2019 INFORMS Decision Analysis Student Paper Competition.
 - 2nd Place, 2019 INFORMS Revenue Management and Pricing Student Paper Competition.
 - Finalist, 2019 INFORMS Service Science Best Paper Competition.
 - Spotlighted Presentation, 2019 INFORMS Revenue Management and Pricing Conference, Stanford, CA.

Refereed Journal Articles

3. “Learning Discrete Bayesian Networks from Continuous Data” (2017), **Yi-Chun Chen**, Tim A. Wheeler, Mykel J. Kochenderfer, *Journal of Artificial Intelligence Research*, 59, 103-132.
4. “Deep Reinforcement Learning for Event-Driven Multi-Agent Decision Processes” (2017), Kunal Menda, **Yi-Chun Chen**, Justin Grana, James W. Bono, Brendan D. Tracey, Mykel J. Kochenderfer, David Wolpert *IEEE Transactions on Intelligent Transportation Systems*, 20(4), 1259-1268.

Refereed Conference Proceedings

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

Teaching

Teaching Assistantships

MBA, UCLA Anderson School of Management.

1. MGMT402: Data and Decisions.
 - Instructors: Professor Velibor Mišić and Professor Rakesh Sarin (Fall 2018, Fall 2020).
2. MGMT410: Logistics and Operations Management.
 - Instructor: Professor Christopher Tang (Fall 2019).

Master of Business Analytics, UCLA Anderson School of Management.

3. MSA408: Operations Analytics.
 - Instructor: Professor Velibor Mišić (Spring 2020).
4. MSA434: Advanced Workshop on Machine Learning
 - Instructor: Professor Danylo Vashchilenko (Fall 2020).
5. MSA435: Data Visualization
 - Instructor: Professor Kristian di Gaetano (Fall 2020).

Presentations

1. “Column-Randomized Linear Programs: Performance Guarantees and Applications”.
 - INFORMS Annual Conference, Online, 11/2020 (scheduled).
2. “Decision Forest: A Nonparametric Approach to Modeling Irrational Choice”.
 - INFORMS Annual Conference, Online, 11/2020 (scheduled).
 - INFORMS Annual Conference, Seattle, WA, 10/2019.
 - INFORMS Revenue Management and Pricing Conference, Stanford, CA, 06/2019.
 - SoCal OR/OM Day, Irvine, CA, 05/2019.
 - POMS Annual Conference, Washington D.C., 5/2019.
 - INFORMS Annual Conference, Phoenix, AZ, 11/2018.

Extracurricular Activities

1. Director, Taiwanese Student Association, Stanford University. 5/2015 - 4/2016
2. Vice President, Student Association, Dept. of Physics, NTU. 7/2012 - 7/2013
3. Captain, Basketball Team, Dept. of Physics, NTU. 7/2012 - 7/2013

Programming Languages

Julia, Python, Matlab, R.