

# Yi-Chun Chen

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## EDUCATION

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### UCLA Anderson School of Management

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

Los Angeles, CA.

*Sep. 2017 – Present*

### Stanford University

*M.S. in Computational and Mathematical Engineering*

Stanford, CA.

*Sep. 2014 – May 2017*

### National Taiwan University

*B.S. in Physics*

Taipei, Taiwan.

*Sep. 2009 – June 2013*

## PUBLICATIONS

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### 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

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### Master of Business Administration

*Teaching Assistantship*

UCLA Anderson School of Management

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

### Master of Business Analytics

*Teaching Assistantship*

UCLA Anderson School of Management

- MSA408: **Operations Analytics**
  - Instructors: Professor Velibor Mišić (Spring 2020)

- MSA434: **Advanced Workshop on Machine Learning**
  - Instructors: Professor Danylo Vashchilenko (Fall 2020)
- MSA435: **Data Visualization**
  - Instructors: Professor Kristian di Gaetano (Fall 2020)

## AWARDS AND HONORS

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Finalist, INFORMS George Nicholson Student Paper Competition.	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 PhD Fellowship, UCLA Anderson School of Management.	2017
Presidential Award, National Taiwan University.	2012, 2013
Dr. Chao-Ting Chang Memorial Research Scholarship, Academia Sinica, Taiwan.	2012

## PRESENTATIONS

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

- INFORMS Annual Conference, Online, Nov. 2020 (scheduled).

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

- INFORMS Annual Conference, Online, Nov. 2020 (scheduled).
- 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.

## EXTRACURRICULAR ACTIVITIES

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Director, Taiwanese Student Association, Stanford University.	May 2015 – Apr. 2016
Vice President, Student Association, Department of Physics, National Taiwan University.	July 2012 – June 2013
Captain, Basketball Team, Department of Physics, National Taiwan University.	July 2012 – July 2013