

LEILA HOSSEINI

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EMPLOYMENT

- **Temple University, USA** July 2020 - Present
Assistant Professor, Department of Management Information Systems

EDUCATION

- **The University of Texas at Dallas, USA** August 2014 - May 2020
Ph.D. Management Science (Information Systems Concentration)
- **University of Kurdistan, Iran** August 2008 - Feb 2011
Master of Science in Industrial Engineering
- **Azad University, Iran** August 2004 - Feb 2008
Bachelor of Science in Industrial Engineering

RESEARCH PAPERS

- Leila Hosseini, Shaojie Tang, Vijay Mookerjee, Chelliah Sriskandarajah. 2020. *A Switch in Time Saves the Dime: A Model to Reduce Rental Cost in Cloud Computing*. **Information Systems Research**, 31(3), pp.753-775.
- Leila Hosseini, Shaojie Tang, Vijay Mookerjee. *When Is More Merrier? A Cloud-Based Architecture to Procure Impressions from Multiple Ad-Exchanges*. Under review at **Information Systems Research** [[SSRN](#)].
- Leila Hosseini, Vijay Mookerjee. *When Free is Costly: An Analysis of Webspeed Competition in the Presence of Cloud Computing*. Under manuscript preparation.
- Leila Hosseini, Subodha Kumar. *Is Multi-Cloud the Future? Desirability of Compatibility in the Multi-Cloud Market*. Working Paper.
- Leila Hosseini, Sameer Mehta. *Pricing Machine Learning Models and Algorithms: The Case of AWS Marketplace*. Working Paper.
- Hyeonsik Shin, Leila Hosseini, Subodha Kumar. *Solving the Social Dilemma with Equilibrium Data Harvesting Strategies: A Game-Theoretic Approach*. Working Paper.

- Mehdi Hosseinabadi Farahani, Leila Hosseini. *Minimizing cycle time in single machine scheduling with start time-dependent processing times*. International Journal of Advanced Manufacturing Technology 2013, 64, 9, 1479-1486.
- Fardin Ahmadizar, Leila Hosseini. *Minimizing makespan in a single-machine scheduling problem with a learning effect and fuzzy processing times*. International Journal of Advanced Manufacturing Technology 2013, 65, 1, 581-587.
- Fardin Ahmadizar, Leila Hosseini. *Bi-criteria single machine scheduling with a time-dependent learning effect and release times*. Applied Mathematical Modelling 2012, 36, 6203-6214.
- Jamal Arkat, Mehdi Hosseinabadi Farahani, Leila Hosseini. *Integrating cell formation with cellular layout and operations scheduling*. International Journal of Advanced Manufacturing Technology 2012, 61, 637-647.
- Fardin Ahmadizar, Leila Hosseini. *Single machine scheduling with a position-based learning effect and fuzzy processing times*. International Journal of Advanced Manufacturing Technology 2011, 56, 693-698.
- Fardin Ahmadizar, Leila Hosseini. *A novel ant colony algorithm for the single-machine total weighted tardiness problem with sequence dependent setup times*. International Journal of Computational Intelligence Systems 2011, 4, 456-466.
- Jamal Arkat, Leila Hosseini, Mehdi Hosseinabadi Farahani. *Minimization of exceptional elements and voids in the cell formation problem*. Expert Systems with Applications 2011, 38, 9597-9602.
- Mehdi Hosseinabadi Farahani, Leila Hosseini. *An ant colony optimization approach for the machine-part cell formation problem*. International Journal of Computational Intelligence Systems 2011, 4, 486-496.

AREAS OF INTEREST

- **Research Interests:** Cloud Computing, Real-Time Digital Advertising, Internet of Things.
- **Research Methodologies:** Game Theory, Optimization, Econometrics.
- **Teaching Interests:** Cloud Computing, Digital Advertising, Internet of Things, Programming Languages, Digital Systems, Business Intelligence and Analytics, besides other standard courses in information systems.

INVITED TALKS

- Workshop on Information Technologies and Systems (WITS), December 2021, Austin, TX (scheduled).
- Conference on Information Systems Technology (CIST), October 2021, Anaheim, CA.
- INFORMS Annual Meeting, October 2021, Anaheim, CA.

- Temple University, December 2019, Philadelphia, PA.
- University of Kansas, December 2019, Lawrence, KS.
- Tulane University, November 2019, New Orleans, LA.
- INFORMS Annual Meeting, October 2019, Seattle, WA.
- Conference on Information Systems Technology (CIST), October 2019, Seattle, WA.
- POMS 30th Annual Conference, May 2019, Washington, DC.
- INFORMS Annual Meeting, November 2018, Phoenix, AZ.
- Conference on Information Systems Technology (CIST), November 2018, Phoenix, AZ.
- The 16th Annual Big XII+ MIS Research Symposium, April 2018, Stillwater, OK.
- INFORMS Annual Meeting, October 2017, Houston, TX.
- POMS 28th Annual Conference, May 2017, Seattle, WA.

TEACHING EXPERIENCE

- **Instructor**

- **Temple University**

- Instructor for Digital Systems, Fall 2021 (210 Students)

- Instructor for Digital Systems, Online, Spring 2021 (178 Students)

- Instructor for Digital Systems, Online, Fall 2020 (120 Students)

- **The University of Texas at Dallas (UTD)**

- Instructor for Introduction to Programming in Java, Spring 2020 (65 Students), transitioned to online instruction on March 16th

- Instructor for Introduction to Programming in Java, Summer 2019 (39 Students)

- Instructor for Introduction to Programming in Java, Spring 2019 (60 Students)

- Instructor for Introduction to Programming in Java, Spring 2018 (49 Students)

- **Guest Lecturer**

- Guest Lecturer for Cloud Computing (MBA at UTD), Spring 2018, Spring 2019, Fall 2020, and Fall 2021

- Guest Lecturer for Information Technology for Business (Undergraduate level at UTD), Spring 2016

INDUSTRY COLLABORATIONS

- **Cidewalk Technologies Inc., Boston, MA** April 2016-present
 - Developing and Managing Cloud Computing Applications and Infrastructure
 - Analyzed Problem of Procuring Impressions from Multiple Ad-exchanges
 - Presented My Research on “A Model to Reduce Rental Cost in Cloud Computing”
- **Hyper Growth Solutions Inc., Northlake, TX** September 2018

- Presented My Research on “A Model to Reduce Rental Cost in Cloud Computing”

• **DataStax Inc., Dallas, TX**

April 2017

- Presented My Research on “A Model to Reduce Rental Cost in Cloud Computing”

WORK EXPERIENCE

- Lecturer, Tehran Payame Noor University, Iran, Feb 2011 - May 2014
- Project Manager, Sepehr Fan Avar Company, Iran, Feb 2008 - August 2008
- Project Management Intern, Sepehr Fan Avar Company, Iran, May 2007 - August 2007

SELECTED HONORS

- “Solving the Social Dilemma with Equilibrium Data Harvesting Strategies: A Game-Theoretic Approach”, with Hyeonsik Shin and Subodha Kumar, 21st Young Scholars Interdisciplinary Forum, Fox School of Business, Temple University, 05/21/2021-12/30/2022 (\$2500)
- OWLIE Award Winner for the Best Ph.D. Student, The University of Texas at Dallas, 2019
- Dean’s Excellence Scholarship, The University of Texas at Dallas, 2019
- Ph.D. Research Small Grant, The University of Texas at Dallas, 2019
- Graduate Research Fellowship, The University of Texas at Dallas, 2015
- Ph.D. Research Small Grant, The University of Texas at Dallas, 2015
- Doctoral Student Scholarship, The University of Texas at Dallas, 2014-2020

ACADEMIC SERVICE

Temple University

• **Departmental**

Member of Departmental Merit Committee, Fall 2021

Chair of PHISIM Scholarship Committee, Spring 2021

Professional Services

• **Associate Editor**

International Conference on Information Systems (ICIS) 2021

• **Reviewer**

Journals: Information Systems Research, Production and Operations Management, INFORMS Journal on Applied Analytics

Conferences: Conference on Information Systems and Technology (CIST), 2021; International Conference on Information Systems (ICIS), 2017-2021

- **Session Chair**

INFORMS Annual Meeting, 2021.

PROFESSIONAL MEMBERSHIP

- Association for Information Systems (AIS)
- The Institute for Operations Research and the Management Sciences (INFORMS)

COMPUTING SKILLS

- **Data Analysis:** SAS, STATA, R, MySQL
- **Programming Languages:** JAVA, Python, C++
- **Scientific Computing:** MATLAB, Mathematica, CPLEX, LINDO, LINGO, GAMS