

# LEILA HOSSEINI

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## EMPLOYMENT

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

## EDUCATION

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- **The University of Texas at Dallas, Richardson, TX** August 2014 - May 2020  
PhD in 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

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- 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*. Major revision at **Information Systems Research**.
- Leila Hosseini, Vijay Mookerjee. *When Free is Costly: An Analysis of Webspeed Competition in the Presence of Autoscaling*. Under review at **Management Science**.
- Leila Hosseini, Subodha Kumar. *Is Multi-Cloud the Future? Desirability of Compatibility in the Multi-Cloud Market*. Working Paper.
- Hyeonsik Shin, Leila Hosseini, Subodha Kumar. *Solving the Social Dilemma with Equilibrium Data Harvesting Strategies: A Game-Theoretic Approach*. Working Paper.
- Leila Hosseini, Sameer Mehta. *Pricing Machine Learning Models and Algorithms: The Case of AWS Marketplace*. Work in progress.

## AREAS OF INTEREST

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

## TEACHING EXPERIENCE

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- **Instructor**

- Temple University**

- Data Analytics, Fall 2022 (scheduled)

- Digital Systems, Fall 2022 (scheduled)

- Digital Systems, Spring 2022, 1 Section (85 Students)

- Digital Systems, Fall 2021, 2 Sections (210 Students)

- Digital Systems, Online, Spring 2021, 2 Sections (178 Students)

- Digital Systems, Online, Fall 2020, 1 Section (120 Students)

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

- Introduction to Programming in Java, Spring 2020, transitioned to online instruction on March 16th, 1 Section (65 Students)

- Introduction to Programming in Java, Summer 2019, 1 Section (39 Students)

- Introduction to Programming in Java, Spring 2019, 1 Section (60 Students)

- Introduction to Programming in Java, Spring 2018, 1 Section (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

## INVITED TALKS

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- Workshop on Information Technologies and Systems (WITS), December 2021, Austin, TX.
- 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, Pheonix, AZ.
- Conference on Information Systems Technology (CIST), November 2018, Pheonix, 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.

## INDUSTRY COLLABORATIONS

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- **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

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- 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

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- “Is Multi-Cloud the Future? Desirability of Compatibility in the Multi-Cloud Market”, with Subodha Kumar, 23rd Young Scholars Interdisciplinary Forum, Fox School of Business, Temple University, 12/10/2021-04/30/2023 (\$2000)
- “Solving the Social Dilemma with Equilibrium Data Harvesting Strategies: A Game-Theoretic Approach”, with Hyeonsik Shin and Subodha Kumar, 22nd 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

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### Temple University

- **Departmental**

Member of Departmental Merit Committee, Fall 2021

Member of Departmental Seminar Committee, Fall 2021, Spring 2022

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, Journal of Information Technology

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

- **Session Chair**

INFORMS Annual Meeting, 2021.

International Conference on Information Systems (ICIS), 2021

- **Discussant**

Workshop on Information Systems and Economics (WISE), 2021

## PROFESSIONAL MEMBERSHIP

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

## COMPUTING SKILLS

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