

LEILA HOSSEINI

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EMPLOYMENT

- **University of Houston, Houston, TX** July 2023 - present
Assistant Professor, Department of Decision and Information Sciences
- **Temple University, Philadelphia, PA** July 2020 - June 2023
Assistant Professor, Department of Management Information Systems

EDUCATION

- **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

- **Leila Hosseini**, Shaojie Tang, Vijay Mookerjee. 2023. *When Is More Merrier? A Cloud-Based Architecture to Procure Impressions from Multiple Ad-Exchanges*. **Information Systems Research**, 35(1), pp.294-317.
- **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**, Mehdi H. Farahani, Subodha Kumar. *Is Multi-Cloud the Future? Desirability of Compatibility in the Multi-Cloud Market*. Under the 3rd round of review (Minor revision) at **Management Science**.
- **Leila Hosseini**, Vijay Mookerjee. *Online Traffic Games: Should Firms Compete on Website Speed or Website Capacity?* Invited for the 3rd round of review (Major revision) at **Production and Operations Management**.
- Hyeonsik Shin(PhD student), **Leila Hosseini**, Subodha Kumar. *Solving the Social Dilemma with Equilibrium Data Harvesting Strategies: A Game-Theoretic Model*. Under the 2nd round of review (Major revision) at **Journal of Management Information Systems**.

- An earlier version of the paper is accepted for publication in International Conference on Information Systems (ICIS) proceedings, 2022.
- Dongwook Chun(PhD student), Taha Havakhor, **Leila Hosseini**. *Tokens vs. Equity: How Blockchain Financing Models Influence Startup Strategy, Innovation, and Success*. Under review.

AREAS OF INTEREST

- **Research Interests:** Economics of Cloud Computing, Real-Time Digital Advertising, Artificial Intelligence.
- **Research Methodologies:** Game Theory, Optimization, Econometrics.
- **Teaching Interests:** Data Analytics, Artificial Intelligence, Cloud Computing, Digital Advertising, Programming Languages, Digital Systems.

TEACHING EXPERIENCE

- **Instructor**

University of Houston

Predictive Analytics and Business Intelligence, Fall 2025, 1 section (Graduate and Undergraduate level)

Information Systems Development Tools, Spring 2025, 1 section (Undergraduate level)

Predictive Analytics and Business Intelligence, Spring 2025, 1 section (Graduate and Undergraduate level)

Predictive Analytics and Business Intelligence, Fall 2024, 1 section (Graduate and Undergraduate level)

Information Systems Development Tools, Spring 2024, 1 section (Undergraduate level)

Predictive Analytics and Business Intelligence, Spring 2024, 1 section (Graduate and Undergraduate level)

Predictive Analytics and Business Intelligence, Fall 2023, 1 section (Graduate and Undergraduate level)

Temple University

Data Analytics, Spring 2023, 1 section (46 students)

Data Analytics, Fall 2022, 1 section (42 students)

Digital Systems, Fall 2022, 1 section (120 students)

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, Fall 2021, Fall 2022, and Fall 2023

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

CONFERENCE PRESENTATIONS AND INVITED TALKS

- University of Houston, April 2023, Houston, TX.
- Theory in Economics of Information Systems (TEIS), March 2023, San Francisco, CA.
- International Conference on Information Systems (ICIS), December 2022, Copenhagen, Denmark.
- Workshop on Information Systems and Economics (WISE), December 2022, Copenhagen, Denmark.
- Conference on Information Systems Technology (CIST), October 2022, Indianapolis, IN.
- Annual POMS Conference, April 2022, Online.
- 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, 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.

INDUSTRY COLLABORATIONS

- **Cidewalk Technologies Inc., Boston, MA** April 2016-2024
 - 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

- Research Associate at Amirkabir University of Technology, Iran, 2011-2014
- Lecturer, Tehran Payame Noor University, Iran, 2011 - 2014
- Project Manager, Sepehr Fan Avar Company, Iran, 2008
- Project Management Intern, Sepehr Fan Avar Company, Iran, 2007

SELECTED HONORS

- Bauer Research Star, 2024
- “Online Traffic Games: Should Firms Compete on Website Speed or Website Capacity?”, with Vijay Mookerjee, 25th Young Scholars Interdisciplinary Forum, Fox School of Business, Temple University, 11/2/2022-04/30/2024 (\$1800)
- “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)
- Nominated for Faculty Teaching Award at Fox School of Business, 2022
- 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

University of Houston

Member of College Library Committee, Fall 2024-present

Member of Postdoctoral Recruitment Committee, Spring 2025

Co-chair of Professor of Practice (Non-Tenure Track) Recruitment Committee, Spring 2025

Temple University

- **School**

Member of Fox School of Business Merit Committee, Fall 2022

- **Departmental**

Member of PhD Dissertation Committee (PhD student: Hyeonsik Shin)

Member of Departmental Merit Committee, Fall 2022, Fall 2021

Member of Departmental Seminar Committee, Fall 2021, Spring 2022

Chair of PHISIM Scholarship Committee, Spring 2021, Spring 2022, Spring 2023

Professional Services

- **Associate Editor**

Information Technology and Management Journal, 2025-present

International Conference on Information Systems (ICIS), 2021, 2025

- **Reviewer**

Journals: Information Systems Research (ISR), MIS Quarterly, Management Science (MS), Production and Operations Management (POMS), INFORMS Journal on Applied Analytics, Journal of Information Technology (JIT)

Conferences: Conference on Information Systems and Technology (CIST), 2021, 2024, 2025; International Conference on Information Systems (ICIS), 2017-2021, 2023, 2024

- **Track Chair**

INFORMS Annual Meeting, e-Business Section, 2025

- **Session Chair**

POMS 35th Annual Conference, 2025

INFORMS Annual Meeting, 2021

International Conference on Information Systems (ICIS), 2021

- **Discussant**

Workshop on Information Systems and Economics (WISE), 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:** Python, Java, JavaScript, C++
- **Scientific Computing:** MATLAB, Mathematica, CPLEX, LINDO, LINGO, GAMS