

Kambiz Saffari

Full Name: Kambiz Saffarizadeh

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EDUCATION

- Georgia State University, Atlanta, GA** 2015-20
Ph.D. in Computer Information Systems
- Sharif University of Technology, Tehran, Iran** 2012-14
Master of Business Administration
- Semnan University, Semnan, Iran** 2004-09
B.S.E. in Mechanical Engineering with a Major in Solid Mechanics

ACADEMIC APPOINTMENTS

- University of Texas at Arlington, Arlington, TX** 2024-
Assistant Professor
- Marquette University, Milwaukee, WI** 2020-24
Assistant Professor

RESEARCH INTERESTS

- Human-AI Collaboration
- Ethics in AI
- AI and the Changing Nature of Work
- Algorithmic Decision Making

JOURNAL PUBLICATIONS

1. **Saffarizadeh, K.**, Keil, M., Alashoor, T., and Boodraj, M., (2024). My Name is Alexa. What's Your Name? The Impact of Reciprocal Self-Disclosure on Post-Interaction Trust in Conversational Agents. ***Journal of the Association for Information Systems***

REFEREED CONFERENCE PROCEEDINGS

2. **Saffarizadeh, K.**, Jabr, W., and Keil, M., (2018). Update Assimilation in App Markets: Is There Such a Thing as Too Many Updates?. in ***ICIS*** (Nominated for best paper award)
3. **Saffarizadeh, K.**, Boodraj, M., and Alashoor, T. (2017). Conversational Assistants: Investigating Privacy Concerns, Trust, and Self-Disclosure. In ***ICIS***.

WORKING PAPERS

4. Alashoor, T, Keil, M., Jiang, Z., and **Saffarizadeh, K.**, "Data donations for advancing medical research: Mitigating the negative effect of privacy concerns on data donation decisions," ***MIS Quarterly*** (Conditionally Accepted)

5. **Saffarizadeh, K.**, Keil, M., and Maruping, L., “*Relationship Between Trust in AI Creator and Trust in AI Systems: The Crucial Role of AI Alignment and Steerability*,” **Journal of Management Information Systems** (Conditionally Accepted)
6. **Saffarizadeh, K.**, and Keil, M., “*Conversational AI Agents: The Effect of Process and Outcome Variation on Anthropomorphism and Trust*,” in preparation for a 3rd round review at **Information Systems Journal** (Major Revision)
7. Miao, Y., He, Q., Kim, S., **Saffarizadeh, K.** “*How Does Generative AI Affect Artist Productivity and Creativity? A Multi-Method Investigation of Text-to-Image Models in Artwork Creation*” under review at **Information Systems Research**
8. Arnold, C., Zhiming, X., **Saffarizadeh, K.**, Madiraju, P., “*Generative AI as (Un)welcome Agents in Medical Crowdfunding: The Trust Dilemma and Moral Hazard*” under review at **Behaviour & Information Technology** [NMDSI grant]

RESEARCH IN PROGRESS

1. Yang, A., **Saffarizadeh, K.**, Mozafari, S., “*The Role of Message Framing in Users’ Reliance on Health-Related AI Recommendations*,” Manuscript in final preparation for submission
2. Alashoor, T., **Saffarizadeh, K.**, and Berente, N., “*Moral Judgment of Violation of Human Privacy in Human-AI Interaction*,” Advanced stage of development
3. **Saffarizadeh, K.**, “*What is Anthropomorphism After All? A Synthesis of the Literature and Directions for Future Research*” Advanced stage of development
4. **Saffarizadeh, K.**, “*Mitigating Distrust in AI Artifacts via Deep Reinforcement Learning*,” Early stage of development
5. **Saffarizadeh, K.**, Choi, H., Keil, M., and Baird, A., “*The Effect of AI-Based Diagnosis Uncertainty on Patient’s Anxiety*” Early stage of development

CONFERENCE PRESENTATIONS

1. “Do We Trust AI Agents as Much as We Trust Their Creators? Investigating the Crucial Role of AI Alignment” the invited session on Human-AI Interaction, INFORMS 2023, Phoenix, USA, October 15-18, 2023
2. “Morality and Responsibility of Robotic Violation of Human Privacy” the 43rd International Conference on Information Systems TREOs, ICIS 2022, Copenhagen, Denmark, December 9-14, 2022
3. “AI Indeterminacy In Conversational Agents: How Does The Probabilistic Nature Of Modern AI Influence Our Perception Of Humanness And Trust?” invited session on Conversational AI and Human Interaction, INFORMS 2020, Online, November 7-13, 2020

4. "Creator and Creature: The Role of Inheritability, Trainability, and Freewill in Shaping Distrust in Artificial Intelligence" AOM 2020, Online, August 7-11, 2020
5. "Update Assimilation in App Markets: Is There Such a Thing as Too Many Updates?" the 39th International Conference on Information Systems, ICIS 2018, San Francisco, CA, December 13-16, 2018
6. "Conversational Assistants: Investigating Privacy Concerns, Trust, and Self-Disclosure," the 38th International Conference on Information Systems, ICIS 2017, Seoul, South Korea, December 10-13, 2017
7. "Leveraging Customer Feedback Through App Reviews," invited session on Economics of IS in the Age of Big Data, INFORMS 2016, Nashville, TN, November 13-16, 2016

MEDIA ATTENTION

- Research described in *Internet Retailing*. "Voice assistants will have to build trust before we're comfortable with them tracking us," by Louise Kelly and Kate Letheren, March 13, 2018

TEACHING INTERESTS

- Machine Learning and Analytics
- Programming and App Development
- Database Management
- Systems Analysis and Design

TEACHING EXPERIENCE

Marquette University, Milwaukee, WI

- **Advanced Business Analytics** (BUAN 4061, [see course overview](#))
 - *Spring 2023* - Instructor Effectiveness Score: 5.9/6 (enrollment: 12)
 - *Spring 2022* - Instructor Effectiveness Score: 5.9/6 (enrollment: 12)
- **Emerging Technologies** (INSY 4054, [see course overview](#))
 - *Spring 2024* - Instructor Effectiveness Score: 6.0/6 (enrollment: 34)
 - *Fall 2023* - Instructor Effectiveness Score: 5.9/6(enrollment: 34)
 - *Fall 2022* - Instructor Effectiveness Score: 6.0/6 (enrollment: 28)
 - *Fall 2021* - Instructor Effectiveness Score: 6.0/6 (enrollment: 12)
 - *Spring 2021* - Instructor Effectiveness Score: 5.8/6 (enrollment: 37)
- **Business Applications Development** (INSY 4051, [see course overview](#))
 - *Spring 2024 (1)* - Instructor Effectiveness Score: 5.7/6 (enrollment: 37)
 - *Fall 2023 (1)* - Instructor Effectiveness Score: 5.8/6 (enrollment: 23)
 - *Fall 2023 (2)* - Instructor Effectiveness Score: 5.9/6(enrollment: 21)
 - *Spring 2023* - Instructor Effectiveness Score: 5.9/6 (enrollment: 39)
 - *Fall 2022 (1)* - Instructor Effectiveness Score: 5.1/6 (enrollment: 25)
 - *Fall 2022 (2)* - Instructor Effectiveness Score: 5.7/6 (enrollment: 14)
 - *Spring 2022* - Instructor Effectiveness Score: 5.9/6 (enrollment: 38)
 - *Fall 2021 (1)* - Instructor Effectiveness Score: 5.7/6 (enrollment: 29)
 - *Fall 2021 (2)* - Instructor Effectiveness Score: 4.8/6 (enrollment: 18)

- *Spring 2021* - Instructor Effectiveness Score: 5.7/6 (enrollment: 18)
- *Fall 2020 (1)* - Instructor Effectiveness Score: 5.5/6 (enrollment: 18)
- *Fall 2020 (2)* - Instructor Effectiveness Score: 5.9/6 (enrollment: 14)

Georgia State University, Atlanta, GA

- **Unstructured Data Management** (CIS 4730, [see course overview](#))
 - *Summer 2019* - Instructor Effectiveness Score: 5.0/5 (enrollment: 15)
- **Systems Analysis** (CIS 3300, [see course overview](#))
 - *Spring 2020 (1)* - Scores N/A due to COVID-19 (enrollment: 30)
 - *Spring 2020 (2)* - Scores N/A due to COVID-19 (enrollment: 35)
- **Database Management Systems** (CIS 3730, [see course overview](#))
 - *Spring 2018* - Instructor Effectiveness Score: 4.1/5 (enrollment: 30)
 - *Fall 2019 (1)* - Instructor Effectiveness Score: 4.1/5 (enrollment: 27)
 - *Fall 2019 (2)* - Instructor Effectiveness Score: 4.5 /5 (enrollment: 19)
- **Introduction to Programming** (CIS 3260, [see course overview](#))
 - *Spring 2017* - Instructor Effectiveness Score: 4.6/5 (enrollment: 32)

ACADEMIC SERVICE

Iranian Scholars Chapter of the Association for Information Systems

President and Co-Founder

2021-23

Conference Co-Chair at IRAIS 2023

2023

Marquette University

Business Analytics Oversight Committee

2021-24

Academic Integrity Council

2020-23

Service as Reviewer

- | | |
|---|-------------------|
| ● Total | 56 reviews |
| ● <i>MIS Quarterly (MISQ)</i> | 15 reviews |
| ● <i>Information Systems Research (ISR)</i> | 5 reviews |
| ● <i>Journal of Management Information Systems (JMIS)</i> | 2 reviews |
| ● <i>Production and Operations Management (POMS)</i> | 2 reviews |
| ● <i>Journal of Business Research (JBR)</i> | 1 review |
| ● <i>Information Systems Frontiers (ISF)</i> | 1 review |
| ● <i>Business and Information Systems Engineering (BISE)</i> | 1 review |
| ● <i>Communications of the Association for Information Systems (CAIS)</i> | 3 reviews |
| ● <i>AIS Transactions on Human-Computer Interaction (THCI)</i> | 1 review |
| ● <i>International Conference on Information Systems (ICIS)</i> | 10 reviews |
| ● <i>The Americas Conference on Information Systems (AMCIS)</i> | 2 reviews |
| ● <i>European Conference on Information Systems (ECIS)</i> | 7 reviews |
| ● <i>Pacific Asia Conference on Information Systems (PACIS)</i> | 1 review |
| ● <i>Hawaii International Conference on System Sciences (HICSS)</i> | 1 review |
| ● <i>Conference on Information Systems & Technology (CIST)</i> | 1 review |
| ● <i>IRAIS Annual Conference on Information Systems (IRAIS)</i> | 3 reviews |

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C#, JavaScript, PHP, R
- **Machine Learning:**
 - Natural Language Processing (scikit-learn, nltk, gensim, TensorFlow, LangChain)
 - Computer Vision (TensorFlow, PyTorch)
 - Deep Reinforcement Learning (TensorFlow)
- **App Development:** Android and iOS (C#, Java)
- **Web Development:** Full-Stack
- **Other Software:** Stata, MongoDB, MySQL, PostgreSQL, Linux OS, Apache Web Server, Docker

SOFTWARE DEVELOPED

1. **HelpAIGrow Android App** ([see source code](#))
HelpAIGrow is a conversational assistant designed to help researchers study human-AI interaction. The app is available on the Google Play Store.
2. **HelpAIGrow Researcher Dashboard** ([see source code](#))
This dashboard is server-side software that communicates with the HelpAIGrow app. The dashboard enables the researchers to create several types of experiments for the app.
3. **iTunes Crawler Package for Researchers** ([see source code](#))
The package is designed for collecting data from iTunes, extracting information from its semi-structured XML files, and applying easy-to-use text-mining methods such as LSA, LDA, and Doc2Vec.
4. **Django Social Network Creator** ([see source code](#))
The software provides the basic functionalities of a scalable social network.

NON-ACADEMIC WORK EXPERIENCE

- Bamilo.com, Tehran, Iran** 2015
Senior Category Manager
Developed in-house analytics tools to automatically add, sort, and boost products to increase sales in the Electronics category
- GERA, Tehran, Iran** 2009-12
Chief Executive Officer (CEO) and Co-Founder
Created the first online retailer of home improvement products in Iran
- Ghalamchi, Tehran, Iran** 2009-10
Student Counselor (Part-Time)
Helped students from low-income families to succeed in the national entrance exam for Iranian universities
- Teb-e-Kar Institute of Health IT, Tehran, Iran** 2009-11
Data Analyst (Project-Based)
Generated management-level reports on large-scale health information

AWARDS AND HONORS

- 2022 AMCIS Outstanding Reviewer Award
- 2020 Received the GTA Teaching Excellence Award from the J. Mack Robinson College of Business, Atlanta, GA
- 2019 Accepted to AOM OCIS Doctoral Consortium, Boston, MA
- 2018 Nominated for the best paper award at ICIS 2018, San Francisco, CA
- 2014 Recognized as the best student in the history of the Graduate School of Management and Economics at Sharif University of Technology (1999-2014)
- 2011 Ranked among the top 0.2% in the graduate national entrance exam for Iranian universities
- 2004 Ranked among the top 1% in the undergraduate national entrance exam for Iranian universities

GRANTS

- 2023 Northwestern Mutual Data Science Institute Grant: **\$50,000**
- 2023 Marquette College of Business Mini-Grant: **\$2,600**
- 2021 Marquette College of Business Mini-Grant: **\$700**

PROFESSIONAL MEMBERSHIPS

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

COMMUNITY SERVICE

- Created free online courses on web development in GNU/Linux environment to help provide equal learning opportunities for students with limited access to learning materials
- Contributed to several open-source projects such as django-social-auth