

Agrim Sachdeva

Dept. of Management Information Systems
 Eller College of Management
 University of Arizona
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Chronology of Education

Doctor of Philosophy (PhD)	Major: Management Information Systems Minor: Data Science	Indiana University, IN	<i>2019 - 2024</i>
Master of Science (MS)	Major: Information Systems	New Jersey Institute of Technology, NJ	<i>2016 - 2018</i>
Bachelor of Technology (BTech)	Major: Biotechnology Engineering	Vellore Institute of Technology, India	<i>2012 - 2016</i>

Chronology of Employment

Assistant Professor	Eller College of Management, The University of Arizona	<i>2024 - Present</i>
Programmer Analyst	New Jersey Institute of Technology, NJ	<i>2017 –2019</i>
Software Developer	New Jersey Institute of Technology, NJ	<i>2016 - 2017</i>

Honors and Awards

Honors and Awards as Assistant Professor

- Selected for Junior Faculty Consortium, HICSS 2025 *2025*
- Eller Center for Management Innovations in Healthcare (CMIH) Small Research Grant (\$5,000) *2025*
- Lundgren Retail Collaborative Research Grant (\$2,500) *2025*

Honors and Awards before PhD Graduation

- International Conference on Information Systems (ICIS) Doctoral Consortium *2023*
- Americas Conference on Information Systems (AMCIS) Doctoral Consortium *2023*
- Harry Kelsey, Jr. Doctoral Fellowship, Kelley School of Business, Indiana University *2023*
- Nominated for the Panschar AI Teaching Award, Kelley School of Business *2023*
- Selected for MISQ Author Development Workshop *2022*
- Americas Conference on Information Systems (AMCIS) Junior Doctoral Consortium *2022*
- Alan Dennis Fellowship, Kelley School of Business *2022*
- Dean's Fellowship, Kelley School of Business, Indiana University *2019*
- Class Valedictorian and Student Speaker at Commencement, New Jersey Institute of Technology *2018*

Service and Outreach

- **Journal Reviewer**
 - Management Information Systems Quarterly (MISQ)

- Journal of Management Information Systems (JMIS)
- Electronic Commerce Research (ECR)
- **Conference Reviewer**
 - Taiwan Summer Workshop on Information Management (TSWIM), 2025
 - Academy of Management (AOM) Annual Meeting, 2025
 - Summer Workshop on AI for Business (SWAIB), 2025
 - Conference on Applied Machine Learning in Information Security (CAMLIS), 2023, 2024
 - Hawaii International Conference of System Sciences (HICSS), 2025, 2023, 2022, 2021
 - Conference on Information Systems and Technology (CIST), 2023, 2022, 2020
 - INFORMS Workshop on Data Science (WDS), 2023, 2022
 - International Conference on Information Systems (ICIS), 2024, 2022, 2021, 2020
 - Pacific Asia Conference on Information Systems (PACIS), 2021
 - Workshop on Information Technologies and Systems (WITS), 2020
 - Americas Conference on Information Systems (AMCIS), 2020
- **Service at Conference Organizations**
 - Track AE, Pacific Asia Conference on Information Systems (PACIS), 2026
 - Program Committee Member, ACM Practice and Experience in Advanced Research Computing (PEARC25), 2025
 - Program Committee Member, INFORMS Workshop on Data Science, 2023
 - Volunteer, Americas Conference on Information Systems (AMCIS), 2023, 2022
- **Departmental Committees**
 - Member, MIS Doctoral Prelim Exam Committee, Eller MIS, 2024
- **Advising**
 - Dissertation Committee Member (MIS Minor Advisor), Gabriel Geffen, Civil and Architectural Engineering and Mechanics, University of Arizona, 2025 – Present
- **Other Service**
 - Officer, Kelley School of Business Doctoral Student Association (DSA), Indiana University, 2020-2023

Publications and Creative Activity

Refereed Journal Articles (Published or Accepted in Final Form)

- JP1. Kim, A., Sachdeva, A., & Dennis, A. R. (2025). From self-service to AI-assisted service: A mixed-method study of IT support service provision using search tools and chatbots. *International Journal of Information Management*, 84, 102938.
- JP2. A. Sachdeva, A. Kim, & A. R. Dennis (2024). Taking the Chat out of Chatbot? Collecting User Reviews with Chatbots and Web Forms. *Journal of Management Information Systems*, 41(1), 146–177.
- JP3. A. R. Dennis, A. Lakhiwal, and A. Sachdeva (2023). AI Agents as Team Members: Effects on Satisfaction, Conflict, Trustworthiness, and Willingness to Work With. *Journal of Management Information Systems*, 40(2), 307-337.

Papers Under Review

- UR1. W. Rosengren, A. Sachdeva, A. Kim, A. R. Dennis, “From Text Boxes to Talking Faces: Comparing Chatbots and Digital Humans in Online Review Collection,” *Decision Support Systems*, First Round

- UR2. [A. Sachdeva](#), A. R. Dennis, “Unraveling the Impact of Generative AI on Programming Outcomes: The Role of Psychological Ownership and Task Complexity,” *Journal of Management Information Systems*, First Round
- UR3. S. Lichtenberg, A. B. Brendel, [A. Sachdeva](#), “AI and The Future of Work Identity: A Role Identity Perspective on the Effects of Perceived Augmentation and Substitution on Satisfaction,” *Management Information Systems Quarterly (MISQ)*, First Round
- UR4. A. Sachdeva, H. Bala, “AI-Enabled Support in Enterprise Systems and User Outcomes: A Scaffolding Theory Perspective,” *First Round Revise and Resubmit, Information Systems Research (ISR)*

Working Papers (Complete Draft Available)

- WP1. [A. Sachdeva](#), B. Lazarine, H. Zhu, S. Samtani., R. Venkataraman “User Profiling and Vulnerability Introduction Prediction in Social Coding Repositories: A Dynamic Graph Embedding Approach,” *Preparing for submission to Journal of Management Information Systems (JMIS)*
- WP2. [A. Sachdeva](#), A. R. Dennis, E.O. Boyle, J. Field, “The Promise and Peril of Inferred Personality: A Meta-Analysis,” *Preparing for submission to Journal of Applied Psychology (JAP)*
- WP2. [A. Sachdeva](#), A. B. Brendel, A. R. Dennis “Feedback to Conversational Agents: Examining the Role of Errors, Empathy, and Disinhibition, and Conflict Avoidance,” *Targeting submission to Management Information Systems Quarterly (MISQ)*

Ongoing Projects

- OP1. [A. Sachdeva](#), A. B. Brendel, S. Lichtenberg “Multi-Agent Human-AI Teams: Effects of Team Configurations on Team Outcomes,” *Targeting submission to Management Information Systems Quarterly (MISQ)*
- OP2. D. Haddox, [A. Sachdeva](#), Z. Cohen, “Digital Phenotyping for Depression Detection: A Time-Series Foundation Models Approach”, *Targeting submission to Journal of Applied Psychology (JAP)*
- OP3. G. Geffen, [A. Sachdeva](#), M. Shang, Y. Wu, “Interpretable Spatiotemporal Transformers for Weather-Aware Traffic Speed Forecasting”, *Targeting submission to Information Systems Research (ISR)*

Other Publications

Refereed Conference Papers, Proceedings, & Extended Abstracts (*Presenting Author)

- CP1. W. Rosengren, [A. Sachdeva](#), A. Kim, A. R. Dennis, “Using Chatbots and Digital Humans to Collect Online Reviews,” *Hawaii International Conference on System Sciences (HICSS)*, Hawaii, January 2024
- CP2. F. Hildebrandt, A. B. Brendel, [A. Sachdeva](#), A. R. Dennis, “Fake it till you make it? – The Influence of a Conversational Agent’s Rookie Personality on Users’ Satisfaction”, *International Conference on Information Systems (ICIS)*, Hyderabad, India, December 2023
- CP3. A. Kathikar, A. Nair, B. Lazarine, [A. Sachdeva](#), S. Samtani, “Assessing the Vulnerabilities of the Open-Source Artificial Intelligence (AI) Landscape: A Large-Scale Analysis of the Hugging Face Platform,” *IEEE Intelligence and Security Informatics (ISI)*, Charlotte, North Carolina, October 2023
- CP4. [*A. Sachdeva](#), B. Lazarine, S. Samtani. H. Zhu, “User Profiling and Vulnerability Introduction Prediction in Social Coding Repositories: A Dynamic Graph Embedding Approach,” *USENIX Workshop on Cyber Security Experimentation and Test (CSET)*, Marina del Rey, California, 2023
- CP5. [*A. Sachdeva](#), B. Lazarine, R. Dama, S. Samtani, and H. Zhu, “Identifying Patterns of Vulnerability Incidence in Foundational Machine Learning Repositories on GitHub: An Unsupervised Graph Embedding Approach,” *IEEE ICDM Workshop on Machine Learning for Cybersecurity*, Orlando, Florida, 2022
- CP6. Z. Zhong, B. Lazarine, [*A. Sachdeva](#), S. Samtani. H. Zhu, “Exploring the Propagation of Vulnerabilities from GitHub Repositories Hosted by Major Technology Organizations,” *USENIX Workshop on Cyber Security Experimentation and Test (CSET)*, Virtual, 2022

- CP7. *A. Sachdeva, H. Bala. "Human-AI Hybrids and Individual Performance in the Context of Enterprise Systems Use." AMCIS Salt Lake City, Utah, Virtual, 2020

Conference and Workshop Presentations

- CW1. A. Kathikar, A. Nair, B. Lazarine, A. Sachdeva, S. Samtani, "Assessing the Vulnerabilities of the Open-Source Artificial Intelligence (AI) Landscape: A Large-Scale Analysis of the Hugging Face Platform," AI Village, DEFCON 31, Las Vegas, Nevada, August 2023
- CW2. *A. Sachdeva, B. Lazarine, S. Samtani. H. Zhu, "Personalized and Proactive Developer Security Awareness Training: A Dynamic Graph Embedding Approach", UCAR SEA's Improving Scientific Software Conference, Boulder, Colorado, April 2023
- CW3. *A. Sachdeva, B. Lazarine, S. Samtani. H. Zhu, "User Profiling for Cybersecurity," Workshop on Data Science, INFORMS 2022, Indianapolis, Indiana, October 2022
- CW4. *A. Sachdeva, H. Bala, "Conversational Assistants and Task Types in Enterprise Systems," SIG AIAA Workshop on Artificial Intelligence (AI) and Human Interaction, AMCIS 2022, Minnesota, August 2022
- CW5. *A. Sachdeva, A. Kim, A. Dennis, "Eliciting Quality Reviews Using Conversational AI," INFORMS 2020 (Virtual), November 2020

Teaching Experience and Student Evaluations

Instructor, University of Arizona

- MIS 545, Data Mining for Business Intelligence
 - Fall 2024 (Class Size: 53, Instructor Rating: 4.52/ 5)
 - Fall 2024 (Class Size: 50, Instructor Rating: 4.74/ 5)

Course Development, University of Arizona

- MIS 545: Data Mining for Business Intelligence, Fall 2024

Instructor, Indiana University

- S326, Web and Social Media Analytics
 - Spring 2022 (Class Size: 36, Instructor Rating: 6.18/ 7)
 - Fall 2021 (Class Size: 31, Instructor Rating: 6.1/ 7)