Last updated: Jan 2026

Curriculum Vitae

PROF. INBAL YAHAV
The Coller School of Management
Tel Aviv University

PERSONAL INFORMATION

Phone: +972-52-5976363

Email: inbalyahav@tauex.tau.ac.il

DOB: 15/04/1978

EDUCATION

Ph.D. in Operations Research & Data Mining. University of Maryland, College Park (2010)

M.S. in Information Systems. Israel Institute of Technology (2006)

B.Sc. in Computer Science (Cum Laude). Israel Institute of Technology (2004)

ACADEMIC POSITIONS

Full Professor. Coller School of Management, Tel Aviv University (Dec/2025 – Present)

Senior Research Fellow. The Shamgar Center for Digital Law and Innovation, Tel Aviv University (2023 – Present)

Head of the MSc program in Information Technologies. Coller School of Management, Tel Aviv University (2023 – 2026)

Associate Professor. Coller School of Management, Tel Aviv University (2023 – 2025)

Senior Lecturer with Tenure. Coller School of Management, Tel Aviv University (2019 – 2023)

Visiting Associate Professor. Robert H. Smith School of Business, University of Maryland, College Park, USA (2018 - 2019)

Department Chair of Information Systems. The Graduate School of Business Administration, Bar Ilan University, Israel (2017 – 2018)

Lecturer. The Graduate School of Business Administration, Bar Ilan University, Israel (2011 – 2018)

Adjunct Lecturer. Robert H. Smith School of Business, University of Maryland, College Park, USA (2010 - 2011)

OTHER ACADEMIC ACTIVITIES (PARTIAL LIST)

Associate Editor: Decision Support Systems journal (2022 – present), Informs Journal on Data Science (2020 – 2025), Decision Sciences Journal (2015 – 2020), Big Data Journal (2015 – 2019)

Guest Associate Editor: Information Systems Research (special issue on creativity, 2024)

Conference Chair: Israel Association for Information Systems (2017), Statistical Challenges in E-Commerce (2023), Workshop on Information Technology and Systems (WITS) (2026)

Workshop Organizer and Chair: Workshop on Information Technology and Systems (WITS) Feeder Event (2017), Legal Language Analysis Symposium (2023)

Track Chair: International Conference on Information Systems (2020)

Associate Editor (conference): International Conference on Information Systems (2014 - 2019)

AWARDS

1. Research Excellence. Coller School of Management, Tel Aviv University (2019, 2020 – 2021, 2024)
2. Research opportunity award. The American Red Cross, Russ Reid, and Wharton Customer Analytics Center (2012 – 2013)
3. Abraham Golub Memorial Dissertation Proposal Prize. Robert H. Smith School of Business, University of Maryland, College Park (2009)
4. Dean's Fellowship for summer research. Robert H. Smith School of Business (2006 – 2010)

SELECTED GRANTS

1. **Yahav I**., and Elkin-Koren N. (2024-2027). A Multilevel Optimization Framework for Mitigating Dark Patterns in E-Commerce. *Ministry of Science and Technology* (422,900 NIS).
2. Muchnic L., and **Yahav I.** (2022-2023). Construction And Accessibility of a Legal Database And Development Of A Language Model For The Field Of Law. *Israel Innovation Authority* (NIS 520,000)
3. Teeni D., **Yahav I**., and Mann Y. (2022-2024). Characterization of a Psychological Profile from Digital Footprints. *Israel's Ministry of Defense (MAF'AT)* (647,500 NIS).
4. **Yahav I**., Bar-Siman-Tov I. (2021-2023). Developing Hebrew Legal and Legislative NLP Tools: Focus on Detection of Contextual Anomalies. *Ministry of Science and Technology* (650,000 NIS).
5. Mann Y., Schwartz D., and **Yahav I**. (2021-2023). Analysis of Behavioral Patterns of Islamic Influencers ('Du'āh') in the DarkNet Detecting Islamic. *Ministry of Science and Technology* (300,000 NIS).
6. Teeni D., Schwartz D., and **Yahav I**. (2019-2020). Towards Higher Accuracy of Behavioral Big Data Analysis: A Qualitatively Augmented Hierarchical Classifier Design Method. *The Blavatnik Interdisciplinary Cyber Research Center* (560,000 NIS).
7. **Yahav I.** (2020-2021). Predicting Psychological Profiles from a Digital Footprints via a Qualitatively Augmented Classifier. *The Coller Foundation*. (130,000 NIS)

8. **Yahav I**., Sela A., and Bar-Siman-Tov I. (2019-2021). Ethical Risks in Digital Devices: A Data-Science Approach. *Ministry of Science and Technology Ministry of Science and Technology* (450,000 NIS).

DOCTORATE STUDENTS

Qadri, Rawan. Proposal submitted. Expected graduation: Aug/2027

Nudelman, Yulia. Proposal submitted. Expected graduation: Aug/2027

Chriqui, Avihay. Dissertation submitted (2025).

Dr. Yadin, Dena. Graduated (2022)

MASTERS STUDENTS

Browarnik, Ittai. Expected graduation: 2026

Benarroch, Yael Clara. Expected graduation: 2026

Nabwani, Rinat. Expected graduation: 2026

Ben Hamo, Idan. Expected graduation: 2026

Buchman, Karina. Expected graduation: 2025

Chen, Elyashar S. Graduated (2023)

Qadri, Rawan. Graduated (2023)

Faraj, Sheraz. Graduated (2022)

Kupitz, Amit. Graduated (2022)

Ukashi, Daniel. Graduated (2018)

Arbel, Elad. Graduated (2017)

Salamania, Chen. Graduated (2016)

Travelsy, Maor. Graduated (2015)

Achiam, Yoav. Graduated (2013)

JOURNAL PUBLICATIONS

1. **Yahav, I**., Goldstein, A., Geva, T., Shehory, O., and Meir, S. (2025). Quality Control for Crowd Workers and for Language Models: A Framework for Free-Text Response Evaluation with No Ground Truth. *Information System Research*, Forthcoming. [equal contribution of first three authors]
2. Te'eni, D., **Yahav, I**., and Schwartz, D. (2025). What It Takes to Control AI By Design: Human Learning. *AI & Society*, Forthcoming.

3. Cohen, D., Te'eni, D., **Yahav, I.** (2025). Human – AI Enhancement of Cyber Threat Intelligence. *International Journal of Information Security*.
4. Lewinsky, D., Te`eni, D., **Yahav, I**., Schwartz, D., Silverman, G., and Mann, Y. (2024). Detecting Terrorist Influencers Using Reciprocal Human-Machine Learning: The Case Of Militant Jihadist Da'wa on The Darknet. *Humanities and Social Sciences Communications*.
5. Yadin, D., **Yahav, I**., Zalmanson L., & Munichor N. (2024). Resolving the Ethical Tension Between Creating a Civil Environment and Facilitating Free Expression Online: Comment Reordering as an Alternative to Comment Moderation. *Journal of Business Ethics, 192*(2), 261–283.
6. Te'eni, D., **Yahav, I**., Schwartz, D.G., Silverman, G., Cohen, D., Mann, Y. & Lewinsky, D. (2023). Reciprocal Human-Machine Learning: A Theory and An Instantiation for the Case of Message Classification. *Management Science*. [equal contribution of first two authors]
7. Wang Y., **Yahav I**., & Padmanabhan B. (2022). Smart Testing with Vaccination: A Bandit Algorithm for Active Sampling for Managing COVID-19. *Information Systems Research, 35*(1), 120–144.
8. Goldstein A., Singer-Oestreicher G., Barzilay O., & **Yahav I.** (2022). Are We There Yet? Analyzing Progress in the Conversion Funnel Using the Diversity of Searched Products. *Management Information Systems Quarterly, 46* (4), 2015–2054.
9. Chriqui A., & **Yahav I**. (2022). HeBERT & HebEMO: a Hebrew BERT Model and a Tool for Polarity Analysis and Emotion Recognition. *Informs Journal on Data Science, 1*(1), 81–95.
10. Galore-Haskel, G., Greenberg, E., **Yahav, I**., Markovits, E., Ortenberg, R., Shapira-Fromer, R., Itzhaki, O., Schachter, J., Besser, M.J. & Markel, G. (2021). MicroRNA Expression Patterns in Tumor Infiltrating Lymphocytes Are Strongly Associated with Response to Adoptive Cell Transfer Therapy. *Cancer Immunology, Immunotherapy, 70*(6), 1541–1555.
11. Schwartz, D. G., Ataiants, J., Roth, A., Marcu, G., **Yahav, I.**, Cocchiaro, B., Khalemsky, M. & Lankenau, S. (2020). Layperson Reversal of Opioid Overdose Supported by Smartphone Alert: A Prospective Observational Cohort Study. *EClinicalMedicine, 25*, 100474.
12. Schwartz, D. G., Ataiants, J., Roth, A., **Yahav, I.,** Cocchiaro, B., Khalemsky, M., & Lankenau, S. (2020). Empowering Communities with a Smartphone-Based Response Network for Opioid Overdoses. *IEEE Pervasive Computing, 19*(4), 42–47.
13. **Yahav, I.,** Schwartz, D. G., & Welcman, Y. (2020). The Journey to Engaged Customer Community: Evidential Social CRM Maturity Model in Twitter. *Applied Stochastic Models in Business and Industry, 36*(3), 397–416.
14. Slobodin, O., **Yahav, I.,** & Berger, I. (2020). A Machine-Based Prediction Model of ADHD Using CPT Data. *Frontiers in Human Neuroscience, 14*, 383.
15. Ayalon, L., & **Yahav, I.** (2019). Location, Location, Location: Close Ties Among Older Continuing Care Retirement Community Residents. *PloS one, 14*(11), e0225554.

16. Geva T. & **Yahav I.** (2019). Data-Driven Link Screening for Increasing Network Predictability. *IEEE Transactions on Knowledge and Data Engineering, 33*(6), 2380–2391.
17. **Yahav, I.**, Shehory, O., & Schwartz, D. (2018). Comments Mining With TF-IDF: The Inherent Bias and Its Removal. *IEEE Transactions on Knowledge and Data Engineering, 31*(3), 437–450.
18. **Yahav, I.**, & Schwartz, D. G. (2018). Citizen Engagement and The Illusion of Secrecy: Exploring Commenter Characteristics in Censored Online News Articles. *Information, Communication & Society, 21*(11), 1620–1638.
19. Cascavilla, G., Conti, M., Schwartz, D. G., & **Yahav, I**. (2018). The Insider on The Outside: A Novel System for The Detection of Information Leakers In Social Networks. *European Journal of Information Systems, 27*(4), 470–485.
20. Shmueli, G., & **Yahav, I**. (2018). The Forest or the Trees? Tackling Simpson's Paradox with Classification Trees. *Production and Operations Management, 27*(4), 696–716.
21. Schwartz, D. G., **Yahav, I.**, & Silverman, G. (2017). News Censorship in Online Social Networks: A Study of Circumvention in The Commentsphere. *Journal of the Association for Information Science and Technology, 68*(3), 569–582.
22. **Yahav I.**, Shmueli G., Mani D. (2016). A Tree-Based Approach for Addressing Self-Selection in Impact Studies with Big Data. *Management Information Systems Quarterly, 40*(4), 819–848.
23. **Yahav, I.** (2016). Network analysis: Understanding Consumers' Choice in the Film Industry and Predicting Pre-released Weekly Box‐Office Revenue. *Applied Stochastic Models in Business and Industry, 32*(4).
24. **Yahav, I**., & Shmueli, G. (2014). Directionally Sensitive Multivariate Control Charts in Practice: Application to Biosurveillance. *Quality and Reliability Engineering International, 30*(2), 159–179.
25. **Yahav, I.**, & Shmueli, G. (2014). Outcomes Matter: Estimating Pre-transplant Survival Rates of Kidney-Transplant Patients Using Simulator-Based Propensity Scores. *Annals of Operations Research, 216*(1), 101–128.
26. **Yahav, I.**, & Shmueli, G. (2012). On Generating Multivariate Poisson Data in Management Science Applications. *Applied Stochastic Models in Business and Industry, 28*(1), 91–102.
27. Lieberman, M. D., Taheri, S., Mirrashed, F., **Yahav, I**., Aris, A., & Shneiderman, B. (2011). Visual Exploration Across Biomedical Databases. *IEEE/ACM Transactions on Computational Biology and Bioinformatics, 8*(2), 536–550.
28. Jank, W., & **Yahav, I**. (2010). E-loyalty Networks in Online Auctions. *The Annals of Applied Statistics*, 151–178.

TEXTBOOKS

1. Shmueli, G., Bruce, P. C., **Yahav, I**., Patel, N. R., & Lichtendahl Jr, K. C. (2017). Data Mining for Business Analytics: Concepts, Techniques, and Applications in R. John Wiley & Sons.

CONFERENCE PUBLICATIONS

1. Zagalsky, A., Te'eni, D., **Yahav, I**., Schwartz, D. G., Silverman, G., Cohen, D., Mann, Y. & Lewinsky, D. (2021). The design of reciprocal learning between human and artificial intelligence. *Proceedings of the ACM on Human-Computer Interaction*, *5*(CSCW2), 1-36.
2. Schwartz, D. G., & **Yahav, I**. (2021). Knowledge Contribution Diagrams for Design Science Research: A Novel Graphical Technique. In *International Conference on Design Science Research in Information Systems and Technology* (pp. 174-187). Springer, Cham.
3. Yadin, D., **Yahav, I**., & Zalmanson, L. (2020). The Guide to Content Moderation: Introducing Crowds to Mitigate the Challenges of the Human Moderator. *International Conference on Information Systems*.

PAPERS UNDER REVIEW

1. Lazar, M., Lifshitz-Assaf, H., Qadri, R., and **Yahav, I**. Ideas Are Dimes a Dozen with AI, But Who Will Champion These Ideas? A Field Experiment with H&M's Strategic Sustainability Challenge. *Organization Science*. R&R.
2. Chriqui, A., **Yahav, I**., Abbasi, A., and Te'eni, D. Leveraging Human Attention into Machine Attention Mechanism for Classification. *Data Mining and Knowledge Discovery*. Submitted.

WORK IN PROGRESS

1. Nudelman Y., **Yahav I**., Levi S., and Amiram D. Enhancing Regulatory Efficiency through NLP-Based Detection of Disclosure Misconduct.
2. Qadri R., Unger M., and **Yahav I**. Entailment informed Collaborative Filtering: Explicit User-User-Item Relation Modelling.
3. Qadri R., **Yahav I**., Lazar M., and Lifshitz-Assaf H., Whose Idea Is It Anyway?: Quantifying Human Contribution in Human-AI Collaborative Innovation.
4. Etgar, S., Singer-Oestreicher G, and **Yahav I.** Implicit bias in LLMs: Bias in financial advice based on implied gender.

COMMUNITY SERVICE

1. University Leadership & Program Development

- Founder & Co-Chair, CollerLab: Established CollerLab, a research center at the Coller School of Management dedicated to advancing machine learning, NLP, and data-driven business innovation by bridging academia and industry.

- Academic Advisor & Lecturer, Bloomberg-Sagol Center for City Leadership: Guides a premier executive program at Tel Aviv University that trains Israeli mayors and senior municipal leaders in data-driven governance and innovation.
- Curriculum Developer, Lahav Executive Education: Contributes to the curriculum design for Tel Aviv University's executive education programs.

2. **National & Field-Level Leadership**

- Acting Head, National Committee for Data Science Education (Ministry of Education): Shapes the national high school curriculum and matriculation exams for data science and information literacy.
- Advisory Board Member, Israeli Association of Human Language Technologies (IAHLT): Helps guide the national non-profit organization dedicated to advancing NLP and Generative AI.

3. **Core Research & Academic Service**

- Lead Developer of Foundational Hebrew NLP Tools: Directed the creation of core NLP models for Hebrew, including HeBERT, HebEmo, and LegalHeBERT, to enable new academic and industry research.
- Senior Research Fellow, Shamgar Center for Digital Law and Innovation: Contributes research and expertise at the intersection of technology and law.
- Member, PhD and Research Committees: Served on the primary committees for doctoral studies and research at the Coller School of Management.