

Curriculum Vita (CV) - Amos Azaria

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1 Academic Background

- 2025 - present: Full Prof. and head of Data Science and AI Department at the School of Computer Science, Ariel University, Israel
- 2021 - 2025: Associate Prof. at the Computer Science department at Ariel University, Israel
- 2016 - 2021: Senior Lecturer at the Computer Science department at Ariel University, Israel
- 2014 - 2016: Postdoctoral researcher, Machine Learning department, Carnegie Mellon University, Pittsburgh, PA
- 2010 - 2014: PhD in computer science, Bar Ilan University, Ramat-Gan, Israel
Thesis entitled: Automated Agents for Human Persuasion
Supervisors: Prof. Sarit Kraus and Prof. Yonatan Aumann
- 2002 - 2003: B.A. in computer science, outstanding excellence, The Technion Institute of Technology, Haifa, Israel

2 Publications

2.1 Journals

1. Bar-Or Nirman D, Weizman A, Azaria A
Fool Me, Fool Me: User Attitudes Toward LLM Falsehoods, IEEE Access, 2025
2. Safrai M, Azaria A
Does small talk with a medical provider affect ChatGPT's medical counsel? Performance of ChatGPT on USMLE with and without distractions. PLOS ONE, 2024
3. Arcady Beriozkin, Or Haim Anidjar, Amos Azaria, Noam Hazon
Machine learning approach to predicting the hysteresis of water retention curves of porous media. Expert Syst. Appl. 237, 2024

4. Azaria A, Azoulay R, Reches S
ChatGPT is a Remarkable Tool—For Experts, Data Intelligence, Special Issue on Large Language Models, 2023
5. Zar D, Hazon N, Azaria A
Information Disclosure for Increasing User Satisfaction From a Shared Ride, IEEE Access, 2023 (to appear)
PDF
6. Anidjar O, Beriozkin A, Azaria A, Hazon N
Machine Learning Approach to Predicting the Hysteresis of Water Retention Curves of Porous Media, Expert Systems With Applications, 2023 (to appear)
7. Allouch M, Mansbach N, Azaria A, and Azoulay R
Utilizing Machine Learning for Detecting Harmful Situations by Audio and Text, Applied Sciences, 2023 (to appear)
PDF
8. Matsbach N, Azaria A
Meta Learning Based Deception Detection From Speech, Applied Sciences, 2023 (to appear)
PDF
9. Hartmann G, Shiller Z, Azaria A
Competitive Driving of Autonomous Vehicles, IEEE Access, 2022 (to appear)
PDF
10. Nivasch K, Azaria A
Keyboard Layout Optimization and Adaptation, International Journal on Artificial Intelligence Tools, 2022 (to appear)
PDF
11. Stekel A, Azaria A
Deep Learning Architectures for Approximating Goldbach’s Function in New Regions, IEEE Intelligent Systems, 2022 (to appear)
PDF
12. Stekel M, Gordin S, Azaria A
Word Sense Induction with Attentive Context Clustering, Journal of Data Mining and Digital Humanities, 2022 (to appear)
PDF
13. Allouch M, Azaria A, Azoulay M
Conversational Agents: Goals, Technologies, Vision, and Challenges, Sensors 2021, SI: Human-Computer Interaction in Smart Environments
PDF

14. Chkroun M, Azaria A
A Safe Collaborative Chatbot for Smart Home Assistants, Sensors 2021, SI: Human-Computer Interaction in Smart Environments
PDF
15. Levinger C, Hazon N, Azaria A
Efficient Computation and Estimation of the Shapley Value for Traveling Salesman Games, IEEE Access 2021
PDF
16. Pikalov S, Azaria E, Sonnenberg S, Ben-Moshe B, Azaria A
Vision-Less Sensing for Autonomous Micro-Drones, Sensors 2021
PDF
17. Spielberg Y, Azaria A
Criticality-Based Varying Step-Number Algorithm for Reinforcement Learning, International Journal on Artificial Intelligence Tools (IJAIT), 2021
PDF
18. Nivasch K, Azaria A
SAIF: A Correction-Detection Deep-Learning Architecture for Personal Assistants, Sensors Journal, 2020
PDF
19. Hartmann G, Shiller Z, Azaria A
Combining Model-based Reinforcement Learning with an Analytical Dynamic Model for Time Optimal Velocity Control, Robotics and Automation Letters 2020
PDF
20. Levinger C, Hazon N, Azaria A
Human Satisfaction as the Ultimate Goal in Ridesharing, Future Generation Computer Systems, 2020
21. Sonnenblick A, Salmon-Divon M, Salgado R, Dvash E, Pondé N, Zahavi T, Salmon A, Loibl S, Denkert C, Joensuu H, Lieveke A, Van den Eynden G, Kellokumpu-Lehtinen PL, Azaria A, Loi S, Michiels S, Richard F and Sotiriou C
Reactive stroma and trastuzumab resistance in HER2-positive early breast, International Journal of Cancer, 2020
PDF
22. Azaria A, Srivastava S, Krishnamurthy J, Labutov I, Mitchell T
An Agent for Learning New Natural Language Commands, Journal of Autonomous Agents and Multiagent Systems (JAAMAS), 2020
PDF
23. Huang TH, Azaria A, Romero O, Bigham J
InstructableCrowd: Creating IF-THEN Rules for Smartphones via Conversations with the Crowd, Human Computation, 2020
PDF

24. Chkroun M, Azaria A
LIA: A Virtual Assistant That can be Taught New Commands by Speech, International Journal of Human-Computer Interaction (IJHCI), 2019
PDF.
25. Azaria A, Sarne D, Aumann Y
Distributed Matching with Mixed Maximum-Minimum Utilities, ACM Transactions on Economics and Computation (TEAC) journal, 2017
PDF.
26. Chaudhari S, Azaria A, Mitchell T
An Entity Graph Based Recommender System, AI Communications, 2017
PDF.
27. Subrahmanian VS, Azaria A, Dekhtyar A, Durst S, Stevens A, Kagan V, Galstyan A, Gao S, Kooti F, Lerman K, Liu Y, Zhu L, Ferrara E, Varol O, Shiralkar P, Menczer F, Flammini A, Mei Q, Vydiswaran V, Waltzman R
The DARPA Twitter Bot Challenge, IEEE Computer journal, 2016 (IF: 1.203)
PDF.
28. Azaria A, Richardson A, Rosenfeld A
Automated Agents and Human Cultures in the Trust-Revenge Game
Journal of Autonomous Agents and Multiagent Systems (JAAMAS), 2016 (IF: 1.417)
PDF.
29. Azaria A, Kraus S, Goldman CV, Gal Y
Strategic Advice Provision in Repeated Human-Agent Interactions
Journal of Autonomous Agents and Multiagent Systems (JAAMAS), 30(1):4-29, 2016 (IF: 1.417).
PDF.
30. Azaria A, Rosenfeld A, Karus S, Goldman C V, Tsimhoni O
Advice Provision for Energy Saving in Automobile Climate Control Systems AI Magazine, 36(3):61-72 2015 (IF:0.628)
PDF.
31. Azaria A, Richardson A, Kraus S, VS Subrahmanian
Behavioral Analysis of Insider Threat: A Survey and Bootstrapped Prediction in Imbalanced Data
IEEE Transactions on Computational Social Systems Journal, 1(2):135-155, 2014 (IF: n/a)
PDF.
32. Azaria A, Rabinovich Z, Kraus S, Goldman CV
Strategic Information Disclosure to People with Multiple Alternatives, Transactions on Intelligent Systems and Technology (TIST) ACM Journal, 5(4):64.1-64.21, 2014 (IF: 1.252)
PDF.

33. Azaria A, Aumann Y, Kraus S
Automated Agents for Reward Determination for Human Work in Crowdsourcing Applications, *Autonomous Agents and Multi-Agent Systems*, 28(6):934-955, 2014 (IF: 1.254)
PDF
34. Rosenfeld A, Zukerman I, Azaria A, Kraus S
Combining Psychological Models with Machine Learning to Better Predict People's Decisions, *Synthese Journal*, 2012. 189:81-93, 2012 (IF: 0.880).
PDF

2.2 Book Chapters

35. Zar D, Hazon N, Azaria A
Explaining Ridesharing: Selection of Explanations for Increasing User Satisfaction, *Lecture Notes in Computer Science*, 2021 PDF
36. Li T, Labutov I, Myers B, Azaria A, Rudnicky A, Mitchell T
An End User Development Approach for Failure Handling in Goal-oriented Conversational Agents, in *Studies in Conversational UX Design*, Springer, 2018
PDF

2.3 Highly Refereed Conferences - Full Papers

37. Sabato Y, Azaria A, Hazon N
Identifying the Source of Information Spread in Networks via Markov Chains, *AAMAS 2026*
38. Ofer M, Azaria A
A Novel Translation-Driven Approach to Enhance LLM Performance on Low-Resource Languages, *ICTAI 2025*
39. Nivasch K, Stekel A, Azaria A
Optimizing Product Order Presentation, *ICTAI 2025*
40. Sabato Y, Hazon N, Azaria A
Humans Predict the Nash Equilibrium as an Outcome of a Multi-Agent Public Goods Game, *ICTAI 2025*
PDF
41. Nizri M, Hazon N, Azaria A
FS-CX: Generating Personalized Contrastive Explanations for Recommender Systems, *ICTAI 2025*
42. Chkroun A, Azaria A
Autonomous Agents for Interrogation, *ICTAI 2024*

43. Schmucker R, Xia M, Azaria A, Mitchell T
Ruffle&Riley: Towards the Automated Induction of Conversational Tutoring Systems, AIED 2024 (also presented in NeurIPS'23 Workshop GAIED)
44. Levinger C, Hazon N, Azaria A
Socially Aware Coalition Formation with Bounded Coalition Size, AAMAS 2024
45. Azaria A, Mitchell T
The Internal State of an LLM Knows When It's Lying, EMNLP 2023
English and Hebrew Data
46. Wu Y, Min SY, Prabhumoye S, Bisk Y, Salakhutdinov R, Azaria A, Mitchell T, Li Y
SPRING: Studying Papers and Reasoning to play Games, NeurIPS 2023
47. Wu Y, Fan Y, Liang PP, Azaria A, Li Y, Mitchell T
Read and Reap the Rewards: Learning to Play Atari with the Help of Instruction Manuals, NeurIPS 2023
48. Stekel A, Stekel M, Azaria A
Evidence From Computational Linguistics for the Concept of Biconsonantal Etymons, CogSci 2023
PDF
49. Azaria A
Irrational, but Adaptive and Goal Oriented: Humans Interacting with Autonomous Agents, IJCAI 2022
PDF
50. Fleicher M, Musicant O, Azaria A
Using Physiological Metrics to Improve Reinforcement Learning for Autonomous Vehicles, ICTAI 2022
PDF
51. Nizri M, Hazon N, Azaria A
Improving the Perception of Fairness in Shapley-Based Allocations, CogSci 2022
(Also presented at ComSoc'23)
PDF
52. Shapira I, Azaria A
Reinforcement Learning Agent for Interacting with Humans, CogSci 2022
PDF
53. Spielberg Y, Azaria A
Criticality-Based Advice in Reinforcement Learning, CogSci 2022
PDF
54. Mansbach N, Neiterman E, Azaria A
An Agent for Competing with Humans in a Deceptive Game Based on Vocal Cues, Interspeech 2021
PDF

55. Arabshahi F, Lee J, Gawarecki M, Mazaitis K, Azaria A, Mitchell T
Conversational Neuro-Symbolic Commonsense Reasoning, AAAI 2021
PDF
56. Nivasch K, Azaria A
A Deep Genetic Method for Keyboard Layout Optimization, ICTAI 2021
PDF
57. Hartmann G, Shiller Z, Azaria A
Combining Model-based Reinforcement Learning with an Analytical Dynamic Model
for Time Optimal Velocity Control, IROS 2020 PDF
58. Sefovich Y, Azaria A
Fiction Sentence Expansion and Enhancement via Focused Objective and Novelty
Curve Sampling, ICTAI 2020
PDF
59. Sabato Y, Hazon N, Azaria A
Viral vs. Effective: Utility Based Influence Maximization, AAMAS 2020
PDF
60. Kraus S, Azaria A, Fiosina J, Greve M, Hazon N, Kolbe L, Lembcke TB, Mueller JP,
Schleibaum S, Vollrath M
AI for Explaining Decisions in Multi-Agent Environments, AAAI 2020
PDF
61. Hartman G., Shiller Z., Azaria A.
Deep Reinforcement Learning for Time Optimal Velocity Control using Prior Knowl-
edge. ICTAI 2019
PDF
62. Spielberg Y., Azaria A.
The Concept of Criticality in Reinforcement Learning. ICTAI 2019
PDF
63. Azaria A., Azaria S.
Semi-Supervised Ovulation Detection Based on Multiple Properties. ICTAI 2019
PDF
64. Labutov I., Yang B., Prakash A., Azaria A.
Multi-Relational Question Answering from Narratives: Machine Reading and Reason-
ing in Simulated Worlds, ACL, 2018
PDF
65. Srivastava S., Azaria A., Mitchell T.
Parsing Natural Language Conversations using Contextual Cues, IJCAI, 2017
PDF

66. Li T., Azaria A., Myers B.
SUGILITE: Creating Multimodal Smartphone Automation by Demonstration, CHI, 2017, **Honorable Mention Award**
PDF
67. Huang TH, Lasecki W., Azaria A., Bigham JP.
Is there anything else I can help you with?: Challenges in Deploying an On-Demand Crowd-Powered Conversational Agent, HCOMP, 2016
PDF
68. Azaria A, Hong J
Recommender Systems with a Personality, RecSys, 2016 (Past, Present and Future Track)
PDF
69. Azaria A, Krishnamurthy J, Mitchell T
Instructable Intelligent Personal Agent, AAI, 2016
PDF
70. Shvartzon A, Azaria A, Kraus S, Goldman C, Meyer J, Tsimhoni O
Personalized Alert Agent for Optimal User Performance, AAI, 2016 (also appears as a short paper in AAMAS 2015 and HAIDM workshop)
PDF
71. Rosenfeld A, Maksimov O, Agmon N, Azaria A, Kraus S
Intelligent Agent Supporting Human-Multi-Robot Team Collaboration, IJCAI-2105
Best Robotics Video Award PDF.
72. Rosenfeld A, Azaria A, Kraus S, Goldman C, Tsimhoni O
Adaptive Advice in Automobile Climate Control Systems, AAMAS, 2015
(also presented in AAI'15 workshop)
PDF
73. Azaria A, Richardson A, Kraus S
An Agent for Deception Detection in Discussion Based Environments, CSCW, 2015
(also appears as a short paper in AAMAS-2014 and presented in HAIDM workshop in AAMAS 2013 and Israeli IAAI 2014)
PDF
74. Buntain C, Azaria A, Kraus S
Leveraging Fee-Based, Imperfect Advisors in Human-Agent Games of Trust, AAI, 2014
PDF
75. Azaria A, Karus S, Goldman C V, Tsimhoni O
Advice Provision for Energy Saving in Automobile Climate Control Systems, IAAI, 2014
(also appears as an extended abstract in AAMAS 2014)
PDF.

76. Azaria A, Richardson A, Kraus S
An Agent for the Prospect Presentation Problem, AAMAS, 2014
PDF.
77. Azaria A, Hassidim A, Kraus S, Eshkol A, Weintraub O, Netanel I
Movie Recommender System for Profit Maximization, RecSys, 2013
PDF.
78. Nguyen T, Yang R, Azaria A, Kraus S, Tambe M
Analyzing the effectiveness of adversary modeling in security games, AAAI, 2013
(also appears as an extended abstract in AAMAS 2013 and presented in HAIDM 2013)
PDF
79. Bitan M, Gal Y, Kraus S, Dokov E, Azaria A
Social Rankings in Human-Computer Committees, AAAI, 2013
PDF
80. Azaria A, Aumann Y, Kraus S
Automated Strategies for Determining Rewards for Human Work, AAAI 2012
(also presented in HAIDM workshop in AAMAS 2012)
PDF
81. Azaria A, Rabinovich Z, Kraus S, Goldman CV, Gal Y
Strategic Advice Provision in Repeated Human-Agent Interactions, AAAI 2012
(also presented in HAIDM workshop in AAMAS 2012)
PDF.
82. Azaria A, Rabinovich Z, Kraus S, Goldman CV, Tsimhoni O,
Giving Advice to People in Path Selection Problems, AAMAS, 2012
(also presented in Interactive Decision Theory and Game Theory 2011 WS)
PDF.
83. Azaria A, Rabinovich Z, Kraus S, Goldman CV,
Strategic Information Disclosure to People with Multiple Alternatives, AAAI, 2011
(also presented in BISFAI 2011)
PDF.

2.4 Other Conferences, Short Papers and Extended Abstracts

84. Nizri M, Azaria A, Gupta C, Noam Hazon
Does Calibration Affect Human Actions?, AAMAS 2026
85. Schmucker R, Xia M, Azaria A, Mitchell T
Ruffle&Riley: From Lesson Text to Conversational Tutoring, Learning at Scale 2024
86. Sabato Y, Azaria A, Hazon N
Source Detection in Networks using the Stationary Distribution of a Markov Chain,
AAMAS 2024

87. Levinger C, Hazon N, Azaria A
Social Aware Coalition Formation with Bounded Coalition Size, AAMAS 2023
(Also presented at ComSoc'23)
88. Azaria A
ChatGPT: Usage and Limitations, The 35th IEEE International Conference on Tools with Artificial Intelligence (ICTAI), 2023
PDF
89. Nizri M, Hazon N, Azaria A
Explainable Shapley-Based Allocation, AAAI 2022 SA
(also presented at EAAI@AAAI 2022)
PDF
90. Levinger C, Hazon N, Azaria A
Social Aware Assignment of Passengers in Ridesharing, AAAI 2022 SA
PDF
91. Spielberg Y, Azaria A
Criticality-Based Advice in Reinforcement Learning, AAAI 2022 SA
PDF
92. Spielberg Y, Azaria A
Revelation of Task Difficulty in AI-aided Education, ICTAI 2021
PDF
93. Shapira I, Azaria A
Autonomous Agents for The Single Track Road Problem, ICTAI 2021
PDF
94. Nivasch K, Shapira D, Azaria A
Deep Reinforcement Learning for a Dictionary Based Compression Schema, AAAI 2021 SA
PDF
95. Stekel A, Hanukoglu M, Rovshitz A, Goldberg N, Azaria A
Learning to Conceal: A Method for Preserving Privacy and Avoiding Prejudice in Images, ICTAI 2020
PDF
96. Levinger C, Hazon N, Azaria A
Fair Sharing: The Shapley Value for Ride-Sharing and Routing Games, AAMAS 2020
PDF
97. Schleibaum S, Greve M, Lembcke TB, Azaria A, Fiosina J, Hazon N, Kolbe L, Kraus S, Mueller JP, Vollrath M
How Did You Like This Ride? An Analysis of User Preferences in Ridesharing Assignments, VEHIT'20
PDF

98. Allouch M, Azaria A, Azoulay M
Detecting sentences that may be harmful to children with special needs, ICTAI 2019
PDF
99. Nivasch K, Azaria A
The Multimodal Correction Detection Problem, AAMAS 2019
PDF
100. Stekel A, Chkroun M, Azaria A
Goldbach's Function Approximation Using Deep Learning, Web Intelligence 2018
PDF
101. Allouch M, Azaria A, Azoulay R, Ben-Izchak E, Zwilling M, Zachor D
Automatic Detection of Insulting Sentences in Conversation, ICSEEI 2018
PDF
102. Chkroun M, Azaria A
"Did I Say Something Wrong?": Towards a Safe Collaborative Chatbot, AAAI'18
(also presented in DEEP-DIAL workshop in AAAI'18)
PDF
103. Chaudhari S, Azaria A, Mitchell T
An Entity Graph Based Recommender System, RecSys'16 PDF
104. Huang TH, Azaria A, Bigham J
InstructableCrowd: Creating IF-THEN Rules via Conversations with the Crowd,
CHI'16 (LBW track) **Best Paper Honorable Mention Award**
PDF
105. Azaria A, Kraus S, Goldman CV, Gal Y
Advice Provision for Choice Selection Processes with Ranked Options, AAAI 2014
(also presented in HAIDM workshop in AAMAS 2014)
PDF.
106. Azaria A, Richardson A, Elmalech A, Rosenfeld A
Automated Agents' Behavior in the Trust-Revenge Game in Comparison to Other
Cultures, AAMAS 2014
PDF.
107. Azaria A, Kraus S and Richardson A
A System for Advice Provision in Multiple Prospect Selection Problems, RecSys 2013
(also appears as an extended abstract in AAAI 2013 and presented in HAIDM workshop
2013)
PDF.
108. Azaria A, Sarne D, Aumann Y
Distributed Matching with Mixed Maximum-Minimum Utilities, IAT 2012
(also presented in AMEC WS in AAMAS 2012)
PDF

2.5 Workshops and Abstracts

109. Wu Y, Min S, Bisk Y, Salakhutdinov R, Azaria A, Li Y, Mitchell T, Prabhunoye S
Plan, Eliminate, and Track — Language Models are Good Teachers for Embodied Agents, ICML 2023 Workshop on Knowledge and Logical Reasoning in the Era of Data-Driven Learning
110. Azaria A
ChatGPT: More Human-Like Than Computer-Like, but Not Necessarily in a Good Way, CogSci 2023
PDF
111. Meir N, Hazon N, Azaria A
Contrastive Explanations for Recommendation Systems, CogSci 2023
112. Stekel M, Azaria A, Gordin S
Word Sense Induction with Attentive Context Clustering, NLP4DH'21
PDF
113. Shapira I, Azaria A
A Socially Aware Reinforcement Learning Agent for The Single Track Road Problem, IML (at AAAI'22)
PDF
114. Neiterman E, Azaria A
Multilingual Deception Detection by Autonomous Agents, DSSG'20 workshop (at WWW'20)
115. Levinger C, Hazon N, Azaria A
A Method for Maximizing Human Satisfaction in Ridesharing, AMBUS workshop (at AAMAS'19) PDF
116. Levinger C, Hazon N, Azaria A
Cost Allocation for Prioritized Ride-Sharing, FAMAS workshop (at AMMAS'19)
117. Li T, Myers B, Azaria A, Labutov I, Rudnicky A, Mitchell T
Designing a Conversational Interface for a Multimodal Smartphone Programming-by-Demonstration Agent, CHI 2017 workshop on Conversational UX Design
PDF
118. Azaria A, Richardson A, Elmalech A, Rosenfeld A, Kraus S, Sarne D
On Automated Agents' Rationality, HAIDM (In AAMAS) 2013
PDF

3 Research Interests and Goals

- Human-agent Interaction

- Natural Language Processing
- Large Language Models
- Modeling and Predicting Human behavior and Decision Making
- Machine Learning, Deep Learning, and Reinforcement Learning

4 Grants and Scholarships

- The Israeli Ministry of Science of **491K NIS** for “Aligning AI Agents’ Goals with Human Supervisors”’, 2025-2028
- The Israeli Ministry of Science of **489K NIS** for “Truthful yet Appealing: LLM Responses to Safeguard Learning from Human Feedback”, 2025-2028
- Israel Innovation Authority of **827K NIS** for “Learnable translation mechanisms for Large Language Models in Hebrew”, 2023-2026
- Israel Innovation Authority of **827K NIS** for “Detecting marking and correcting false information generated by Hebrew large language models”, 2023-2025
- The Israeli Ministry of Science of **100K NIS** for “Interactive explanations for recommendation systems” (Additional PI: Noam Hazon), 2022-2024
- Estates Committee grant of **290K NIS** for “Underlying health conditions detection using images and text” (Additional PIs: Assaf Hoogi, Dekel Shlomi), 2021-2023
- The Israeli Council for Higher Education (Vatat) grant of **360K NIS** for human resources for HPC cluster (Additional PIs: Amit Kashi, Haya Kornwietz), 2021-2025.
- The Israeli Ministry of Science of **897K NIS** for “Reinforcement learning for autonomous vehicles using prior physical knowledge and human feedback” (Additional PIs: Tzvi Shiller, Oren Musicant), 2020-2023
- Mafaat of **180K NIS** for “Deep Reinforcement Learning for Flying Drones”, 2020-2021
- Taiwan-Israel Joint Research Cooperation of **\$200K** (\$100K each) for “Multimodal Deception Detection by Autonomous Agents” (Taiwanese PI: Lun-Wei Ku), 2019-2021
- The Israeli Ministry of Science of **1009K NIS** for “Human-Computer Collaboration for Studying Life and Environment in Babylonian Exile” (Additional PI: Shai Gordin), 2019-2022
- The Israeli Ministry of Science of **600K NIS** for Human-Centric Ridesharing (Additional PI: Noam Hazon), 2019-2022
- The Israeli Ministry of Science of **600K NIS** for Deep Heuristic Search and Reinforcement Learning for Control and Diagnostics of Particle Accelerators (Additional PIs: Aharon Friedman, Egor Dyunin, Paul Ben-Ishai), 2019-2022

- The Israeli Council for Higher Education (Vatat) grant of **4.7M NIS**, for HPC Cluster (Additional PIs: Amit Kashi, Haya Kornwietz), 2019.
- Volkswagen Stiftung grant of **150K Euro** for “EC-RIDER: Explainable AI Methods for Human-Centric Ridesharing” (Additional PIs: Jorg Muller, Noam Hazon, Sarit Kraus, Mark Vollrath, Lutz Kolbe), 2019.
- Autonomous Vehicle grant by Institute of Transport Innovation of **400K NIS** for “A ‘Mobile Laboratory’ for the Development of Autonomous Capabilities” (Additional PIs: Oren Musicant, Assaf Botzer, Michael Wagner, Shraga Shoval, Zvi Shiller), 2018.
- 2016 GRO Samsung grant of **\$100K** for “Learning by Instruction Agent (LIA)”.
- 2015 GRO Samsung grant of **\$100K** for “Teaching Mobile Devices New Tasks by Instruction” (Additional PI: Tom Mitchell).
- The Presidential Scholarship for Doctoral Studies in Bar-Ilan (2011-2014).

5 Awards

- AAAI’20 2nd Best Paper Award
- CHI’17 Best Paper Honorable Mention Award
- **2015 IFAAMAS Victor Lesser Distinguished Dissertation Award**
- CHI’16 LBW Best Paper Honorable Mention Award
- Member of winning team in DARPA SMISC competition, 2015 on bot detection.
- Technion outstanding excellence scholarship for 2003, and 2002.

6 Scientific Community Participation

- **The Young Israeli Scholars Forum in the Humanities and Social Sciences for the Application of Generative AI, 2023-2024**
- Organizer of NIPS 2018 workshop on ”Learning by Instruction”.
- Area Chair of: AAAI 2026 (Senior Area Chair), ICTAI’23, ICTAI’21 (Human-Computer Interaction), AAMAS’22 (Humans and AI).
- Senior Program Committee (SPC) member of: AAAI 2024, ECAI 2023, AAMAS 2023, AAAI 2022, AAAI 2021, AAMAS 2020 (Humans and agents), AAMAS 2019 (socially interactive agents track).

- Program Committee (PC) member of: ICTAI 2025, NeurIPS 2025, ARR 2025, ICTAI 2025, CoopAI 2021 (@NeurIPS), EAAI 2021, CoopAI 2020 (@NeurIPS), ECTAI 2020, IPA-2020 (at AAAI'20), EAAI 2020, CSCW 2019, IJCAI 2019, AAAI 2019, EAAI 2019, ABMUS workshop 2019, AAMAS 2018, AAAI 2018, EAAI 2018, AAMAS 2017, CSCW 2017 (poster session), AAAI 2017, EAAI 2017, HAIDM workshop 2016, ECAI 2016, IJCAI 2016, AAMAS 2016, AAAI 2016, EAAI 2016, IJCAI 2015, HAIDM workshop 2015, AAMAS 2015, AAAI 2014, AAMAS 2014.
- Guest editor of special issue in Sensors, titled "Human-Computer Interaction in Smart Environments"
- Review of papers in the following Journals: Intelligent systems User Modeling and User-Adapted Interaction, Sensors, ACM Computing Surveys, Artificial Intelligence (AIJ), Journal of Artificial Intelligence Research (JAIR), Journal of Autonomous Agents and Multiagent Systems (JAAMAS), Knowledge-Based Systems, Artificial Intelligence Review (AIRE), Journal of Intelligent & Robotic Systems (JIRS), IEEE Intelligent Systems, Universal Computer Science (J.UCS), Information sciences, PLOS One, Applied Sciences, IEEE Transactions on Audio, Speech, and Language Processing, International Journal of Human-Computer Interaction, Applied Artificial Intelligence, Scientific Reports, iScience, Neural Processing Letters, Language Resources and Evaluation, Communications of the ACM.

7 Graduate Students

7.1 Ongoing student supervision

- Idan Shumski, 2027 (expected)
- Rotem Melamed, 2027 (expected)
- Eylon Ezra, 2027 (expected)
- Ziv Lang (with Shiri Navon-Venezia), 2028 (expected)
- Meir Nizri Ph.d. (with Noam Hazon), 2026 (expected)
- Moshe Ofer MSc. (with Chaya Keller), 2026 (expected)
- Avi Rahimov, 2026 (expected)

7.2 Former students

- Ariel Weizman, Post-doctoral fellow, 2024-2025
- Mital Harel, Post-doctoral fellow (Co-hosted with Rinat Ankri Sela), 2022-2024
- Merav Schkroun Ph.d. 2024
- Chaya Levinger Ph.d. (with Noam Hazon), 2024

- Yael Sabato Ph.d. (with Noam Hazon), 2023
Information Diffusion and Collective Decision Making in Social Networks PDF
- Avigail Stekel M.Sc. + Ph.d., 2023
Deep Learning Methods for Solving Complex Problems PDF
- Gabriel Hartmann M.Sc. + Ph.d. (with Tzvi Shiller) 2023
Reinforcement Learning Enhanced by Directly-Designed Algorithms for Autonomous Driving PDF
- Keren Nivasch M.Sc. + Ph.d. 2023
Deep-Learning-Based Agents for Solving Novel Problems PDF
- Diana Bar-Or MSc., 2025
User Attitudes Toward LLM Falsehoods PDF
- Meir Nizri M.Sc. (with Noam Hazon), 2022
Explaining Fair Allocations and Recommendations PDF
- Moshe Stekel M.Sc. (with Shai Gordin), 2022
Word Sense Induction with Attentive Context Clustering PDF
- Ido Shapira M.Sc., 2022
Reinforcement Learning Agents and Human Interaction PDF
- Noa Mansbach M.Sc., 2022
Meta Learning Based Deception Detection From Speech PDF
- Michael Fleicher M.Sc. (with Oren Musicant), 2022
Reducing Stress Reactions of Autonomous Vehicles Passengers PDF
- Yitzhack Spielberg Ph.d., 2022
The Concept of Criticality in Artificial Intelligence PDF
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