

# Eden Saig

Computer Science Department, Technion, Haifa, Israel

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## Education

- **Ph.D. in Computer Science** (2022 – present)  
Technion – Israel Institute of Technology, Haifa, Israel  
Thesis title: Machine Learning in the Presence of People – Dynamics and Incentives  
Advisor: Dr. Nir Rosenfeld  
Cumulative GPA: 98.7/100
- **M.Sc. in Computer Science, Cum Laude** (2018)  
Technion – Israel Institute of Technology, Haifa, Israel  
Thesis title: Modeling Collaborative Discovery  
Advisor: Prof. Eli Ben-Sasson  
GPA: 93.4/100  
Thesis grade: 95/100
- **B.Sc. in Computer Science, Summa Cum Laude** (2015)  
**B.Sc. in Physics, Summa Cum Laude** (2015)  
Technion – Israel Institute of Technology, Haifa, Israel  
GPA: 94.1/100

## Fellowships and Awards

- Linde Institute postdoctoral scholarship, Computing and Mathematical Sciences, Caltech (2026 – 2028)
- Ph.D. scholarship for outstanding doctoral students in data science, Israel Council for Higher Education (2022 – 2025)
- Outstanding research poster award, Computer Science Department, Technion (2024)
- NeurIPS spotlight paper (2023)
- Excellence scholarship for graduate students, Computer Science Department, Technion (2015, 2024, 2025)
- Amdocs award for outstanding undergraduate computer science projects, Technion (2015)
- “Lapidim” program – undergraduate fellowship for outstanding computer science students, Computer Science Department, Technion (2011 – 2015)
- President’s list and prize scholarships, Technion (2013 – 2015)
- Dean’s list and prize scholarships, Technion (2011 – 2015)

## Professional Experience

- **Research Scientist**, Facebook (2017 – 2022)  
Core Data Science group  
Tel Aviv, Israel
- **Summer Intern**, Facebook (2016)  
Tel Aviv, Israel

- **Summer Research Assistant**, Cornell-Tech (2015)  
Supervisors: Prof. Mor Naaman and Prof. Ari Juels  
New York, NY, United States
- **Research Assistant**, Technion (2013 – 2015)  
Supervisors: Prof. Eli Ben-Sasson (Technion) and Dr. Ayelet Ben-Sasson (University of Haifa)  
Haifa, Israel

## Seminar Talks

- “Incentivizing Quality Text Generation via Statistical Contracts” (Invited)  
Max Planck Institute for Software Systems, Prof. Manuel Gomez Rodriguez’s group (July 2025)
- “Evolutionary Prediction Games” (Invited)  
Technion, Network Biology Research Laboratories Seminar (May 2025)
- “Delegated Classification” (Invited)  
Caltech, RSRG-FALCON Talk (February 2025)
- “Incentivizing Quality Text Generation via Statistical Contracts” (Invited)  
Technion, Prof. Yonatan Belinkov’s group meeting (February 2025)
- “Delegated Classification” (Invited)  
Tel Aviv University, Statistics Seminar (January 2025)
- “Delegated Classification” (Invited)  
Technion, Prof. Daniel Soudry’s group meeting (July 2024)
- “Delegated Classification” (Invited)  
Hebrew University of Jerusalem, EconCS Seminar (June 2024)
- “Delegated Classification” (Invited)  
Harvard University, EconCS Seminar (April 2024)
- “Delegated Classification”  
UC Berkeley (April 2024)
- “Learning to Suggest Breaks: Sustainable Optimization of Long-Term User Engagement” (Invited)  
Technion, Computational Data Science Seminar (July 2023)
- “Learning to Suggest Breaks: Sustainable Optimization of Long-Term User Engagement” (Invited)  
Technion, Prof. Sarah Keren’s group meeting (October 2022)
- “Collaborative Discovery: A Study of Guru-Follower Dynamics”  
Technion, Theoretical Computer Science Seminar (November 2017)

## Community Service

- **NeurIPS**: Program committee (2022, 2023, 2024, 2025)
- **ICML**: Program committee (2023, 2024, 2025)
- **ICLR**: Program committee (2024, 2025, 2026)
- **STOC**: Reviewer (2025)
- **AAAI**: Program committee (2025, 2026)
- **AISTATS**: Program committee (2025, 2026)
- **Workshop program committee**: TSRML (in conjunction with ICML 2022), BehavioralML (in conjunction with NeurIPS 2024), World Models Workshop (in conjunction with ICML 2025).

## Teaching

### Teaching Assistant:

- Advanced topics in Machine Learning and Human Behavior (Graduate)  
Computer Science Department, Technion (2021–2025 - In charge)
- Workshop in Competitive Programming (Undergraduate)  
Computer Science Department, Technion (2015, 2016–2017 - In charge, 2023, 2024–2025 - In charge)
- ICPC Competitive Programming Team Coach  
Computer Science Department, Technion (2015–2017, 2023–2025)
- Numerical Analysis (Undergraduate)  
Computer Science Department, Technion (2016)

## Outreach

- Outreach talks to high-school STEM students and visitors to the department, Computer Science Department, Technion (2022–2024)
- My undergraduate project “Sentiment Classification of Texts in Social Networks” has received attention in international media, featured in the front page of major technology news outlets, and received significant coverage in Israeli media (2015)

## Publications

### Working papers:

1. Tamar Garbuz, Ariel Procaccia, Eden Saig, Inbal Talgam-Cohen, and Jamie Tucker-Foltz. Adaptive contracts: refined performance evaluation with application to LLM pricing (Alphabetical order; In submission)

### Conference papers:

1. Eden Saig and Nir Rosenfeld. Evolutionary prediction games. *arXiv preprint arXiv:2503.03401*, 2025  
(NeurIPS 2025. Acceptance rate: 24.5%)
2. Eden Saig, Ohad Einav, and Inbal Talgam-Cohen. Incentivizing quality text generation via statistical contracts. In *Advances in Neural Information Processing Systems*, volume 37, pages 51196–51222, 2024. doi: 10.52202/079017-1620  
(NeurIPS 2024. Acceptance rate: 25.8%;  
Oral presentation at the Markets & GenAI workshop, in conjunction with AAAI 2025;  
Oral presentation at the SIGecom Winter Meeting 2025, lightning talks session)
3. Eden Saig, Inbal Talgam-Cohen, and Nir Rosenfeld. Delegated classification. In *Advances in Neural Information Processing Systems*, volume 36, pages 13200–13236, 2023  
(NeurIPS 2023 Spotlight – top 3%)
4. Eden Saig and Nir Rosenfeld. Learning to suggest breaks: sustainable optimization of long-term user engagement. In *International Conference on Machine Learning*, pages 29671–29696. PMLR, 2023  
(ICML 2023; Acceptance rate: 27.9%)
5. Ayelet Ben-Sasson, Eli Ben-Sasson, Kayla Jacobs, Elisheva Rotman Argaman, and Eden Saig. Evaluating expert curation in a baby milestone tracking app. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems*, pages 1–12, 2019  
(CHI 2019; Acceptance rate: 23.8%; Presentation)

6. Eli Ben-Sasson and Eden Saig. The complexity of user retention. In *10th Innovations in Theoretical Computer Science Conference (ITCS 2019)*. Schloss Dagstuhl-Leibniz-Zentrum fuer Informatik, 2018b  
(ITCS 2019; Alphabetical order; Acceptance rate: 32.7%)
7. Eli Ben-Sasson and Eden Saig. Brief announcement: Towards an abstract model of user retention dynamics. In *45th International Colloquium on Automata, Languages, and Programming (ICALP 2018)*. Schloss Dagstuhl-Leibniz-Zentrum fuer Informatik, 2018a  
(ICALP 2018; Alphabetical order; Acceptance rate: 28.3%)
8. Ayelet Ben-Sasson, Eli Ben-Sasson, Kayla Jacobs, and Eden Saig. Baby croinc: an online, crowd-based, expert-curated system for monitoring child development. In *Proceedings of the 11th EAI International Conference on Pervasive Computing Technologies for Healthcare*, pages 110–119, 2017  
(PervasiveHealth 2017; Acceptance rate: 47%)

**Master’s thesis:**

- Eden Saig and Eli Ben-Sasson. Modeling collaborative discovery. Master’s thesis, Computer Science Department, Technion, 2018