

Education

- 2017-present: **Direct Ph.D. program in Computation and Information Processing**, the Hebrew university
- Advanced courses in information processing, theory of deep learning and statistics
 - Critical scientific thinking
 - Interdisciplinary program
- 2011-2017: **B.A, cum laude**, psychology and management, the Open University of Israel
- Began studying at the age of 16
 - Autodidactic program

Work Experience

- 2019-present: **Research intern** (NLP, ML) at Amazon Alexa Shopping
- 2019-present: **Tutor** for machine learning, linear algebra and probability courses
- 2017-present: **Researcher** at Prof. Dafna Shahaf's lab
- Machine learning (ML), Deep Learning (DL), natural language processing (NLP), data mining
- 2015-2017: **Manager of marketing and public relations** at Psagot Institute
- Managed teams with tens of employees
 - Multi-tasking and work under pressure
- 2015-2017: **Research assistant** at Vital technologies
- Conducted cognitive-behavioral experiments
 - Data processing and statistical analysis

Military Service

- 2013-2015: Full IDF service: **psychotechnical diagnoser**
- Interviewing security service candidates to determine their quality data

Papers & Posters in Scientific Meetings

- 2021: ***How Did This Get Funded?! Automatically Identifying Quirky Scientific Achievements***
- Annual Conference of the Association for Computational Linguistics (ACL) 2021, Bangkok, Thailand
- 2020: ***The Lean Data Scientist: Taxonomy of Approaches Towards Solving the Data Bottleneck***
- Innovative Ideas in Data Science workshop, The Web Conference (WWW) 2020, Taipei, Taiwan
- 2019: ***Language (Re)modelling: Towards Embodied Language Understanding***
- Annual Conference of the Association for Computational Linguistics (ACL) 2020, Seattle, Washington, USA
- 2019: **Poster presentation**
- Statistical analysis of clinical research
 - World Congress of Behavioral and Cognitive Therapies (WCBT), Berlin, Germany
- 2019: **Poster presentation and Blitz oral presentation**
- NLP model for written-humor detection
 - Jerusalem Brain Community (JBC) annual meeting, Mitzpe Ramon, Israel
- 2019: **Poster presentation and Blitz oral presentation**
- ML based system for prioritizing emails for response
 - Edmond and Lily Safra Center (ELSC) annual meeting, Ein-Gedi, Israel

Under Review

- 2021: Survey paper about methods to overcome the data bottleneck in contemporary machine learning
- Submitted to Communications of the Association for Computing Machinery (CACM) journal.
- 2021: ***"Alexa, What Do You Do for Fun?" Characterizing Playful Requests With Virtual Assistants***
- Submitted to the Conference on Information and Knowledge Management (CIKM) 2021, Queensland, Australia

Technological Knowledge

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| Software | Python, MatLab, HTML, JS, SPSS |
| OS | Windows, Linux, macOS |

Languages Hebrew – native, English – fluent

Volunteering & Extras

- 2020-present: **Founder and organizer of the “computational analogy” reading group**
- This reading group aims to bring together researchers from different area of expertise towards automatically finding deep analogies as inspirations for real life problems (e.g., the Odón device which assists during a difficult birth was inspired by a wine bottle opener)
 - Bi-weekly basis
- 2019-2020: **Instructor at Queen B**
- A not-for-profit organization that teaches teenage girls programming to encourage them to join the high-tech world
 - Weekly basis
 - Hackathon
- 2017-present: Participations in **student consul** of ELSC’s direct Ph.D. program, the Hebrew university
- 2016-2017: Participation in the first **model UN** competitions, Open University
- Won first place at a competitive conference in Haifa University
 - Won second place at a competitive conference in Ben-Gurion University
- 2014-2015: **Dean’s List** for the academic year, the open university
- 2010-2011: **Establishment of a start-up company**
- “Young Entrepreneurs” program in school
 - Invention, manufacture, marketing, distribution, and selling of the product
- 2009-2010: **Children with special educational needs**
- Twice a week basis
- 2009-2010: **Mentally ill in Pardesiya Psychiatric Hospital**
- Twice a week basis