

EDUCATION

- 2018 - 2021 M.Sc. in Computer Science, The Hebrew University of Jerusalem
Supervisor: Prof. Omri Abend
Thesis on the interpretability of deep learning models in NLP under paraphrased input, included: dataset compilation, representation analysis, manipulation of generated output.
Final M.Sc. grade: **98.2**
- 2015 - 2018 B.Sc. in Computer Science and Cognitive Science, **magna cum laude**, The Hebrew University of Jerusalem
Member of the **honors program** for distinguished undergraduates in Computer Science
Course average: **95.7**

PAPERS

- Under Review & BlackboxNLP21 On Neurons Invariant to Sentence Structural Changes in Neural Machine Translation
Gal Patel, Leshem Choshen, Omri Abend [[arXiv](#)]
- In Preparation MuLER: Multi-Level Evaluation with Reference
Tai-Lin Karidi, Leshem Choshen, Gal Patel, Omri Abend

WORK EXPERIENCE

- 2020 Teaching Assistant, Introduction to Machine Learning, The Hebrew University of Jerusalem
- 2018 - 2020 Research Intern, Lightricks
Implemented and trained a deep learning model (CNN) for hair segmentation
Developed classic image processing algorithms for hair volume and color
Mentored junior interns
- 2016 - 2017 Research Assistant, Prof. Oron Shagrir, The Hebrew University of Jerusalem
- 2013 - 2015 Tech Manager, BIG IDEA international tech summer camps
- 2011 - 2013 E-Learning Developer, The Intelligence Forces, IDF

AWARDS AND DISTINCTIONS

- 2019, 2017 Dean's Award, The Hebrew University
- 2019 Excelling students fellowship, The Hebrew University
- 2018 Scholarship for Outstanding Students, Intel
- 2017, 2016 Cognitive Science Undergraduate Award, The Hebrew University
- 2016 Dean's List, The Hebrew University
- 2016 Admission Excellence Award, The Hebrew University

EXTRACURRICULAR ACTIVITIES

- 2020 - 2021 Mentor, JerusML Juniors in Machine Learning Program
- 2019 Lecturer, JerusML Deep Learning Course
- 2018 - 2019 Instructor, MEET: Middle East Entrepreneurs of Tomorrow, Israeli and Palestinian Youth
- 2017 - 2018 Instructor, QueenB coding program for young girls
- 2018 Hub Organizer, Google HashCode
- 2017 Volunteer, EUJS: European Union of Jewish Students
- 2016 - 2017 Volunteer, SheCodes, coding for women