

Uri Berger

PhD candidate, NLP, Computer Science
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EDUCATION

- The Hebrew University of Jerusalem – University of Melbourne** 2021 - Present
 - Joint Ph.D - Computer Science
 - Research topic: Interactive Multi-modal Language Acquisition
 - Advisors: Prof. Omri Abend, Dr. Gabriel Stanovsky, Dr. Lea Frermann*
- The Hebrew University of Jerusalem** 2018 - 2021
 - M.Sc. - Computer Science; GPA: 97.57 (magna cum laude)
 - Thesis title: Competition-based Spiking Neural Networks
 - Advisor: Prof. Ari Rappoport*
- Tel-Aviv University** 2013 - 2017
 - B.Sc. - Computer Science; GPA: 96 (summa cum laude)

WORK EXPERIENCE

- The Hebrew University of Jerusalem** 2023 - present
 - Teaching Assistant (Part-time)
 - Course name: *Advanced Natural Language Processing*
- IBM** 2022
 - Research Intern (Summer Internship)
 - Improving factuality in Data-to-Text models
- The Hebrew University of Jerusalem** 2020 - 2022
 - Teaching Assistant (Part-time)
 - Course name: *Human Language from a Computational Perspective*
- eBay** 2020 - 2021
 - Research Intern (Part-time)
 - Using NLP techniques to provide insights to sellers
- The Hebrew University of Jerusalem** 2019
 - Grader (Part-time)
 - Course name: *Probabilistic Methods in Artificial Intelligence*
- Cadence Design Systems, Inc.** 2016 - 2018
 - Software Engineer (Full-time)
 - Developing parsing tools for the Verilog Compiler
- Rocketick Technologies** 2014 - 2016
 - Software Engineer (Part-time)
 - Developing parsing tools for the Verilog Compiler

PUBLICATIONS

- U. Berger**, G. Stanovsky, O. Abend, and L. Frermann
A computational acquisition model for multimodal word categorization
North American Chapter of the Association for Computational Linguistics (NAACL 2022)
- U. Berger**, L. Frermann, G. Stanovsky and O. Abend
A Large-Scale Multilingual Study of Visual Constraints on Linguistic Selection of Descriptions
Findings of the European Chapter of the Association for Computational Linguistics (EACL 2023)

AWARDS AND SCHOLARSHIPS

Scholarships

- The Planning and Budgeting Committee (PBD) scholarship program for outstanding data science PhD students

M.Sc.

- Graduated with distinction (magna cum laude)
- Dean's Honor

B.Sc.

- Graduated with distinction (summa cum laude)
- Dean's Honor

SKILLS

- **Languages:** Python, C, C++, C#, Java, SQL, Matlab
- **Frameworks:** Scikit, NLTK, SpaCy, PyTorch, TensorFlow
- **Environments:** Linux, Windows, GIT