

# Uri Berger

PhD candidate, NLP, Computer Science  
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## EDUCATION

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

## WORK EXPERIENCE

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| <b>The Hebrew University of Jerusalem</b>                            | 2020 - Present |
| • Teaching Assistant (Part-time)                                     |                |
| Course name: <i>Human Language from a Computational Perspective</i>  |                |
| <b>eBay</b>  | 2020 - 2021    |
| • Research Intern (Part-time)  |                |
| Using NLP techniques to provide insights to sellers                  |                |
| <b>The Hebrew University of Jerusalem</b>                            | 2019           |
| • Grader (Part-time)   |                |
| Course name: <i>Probabilistic Methods in Artificial Intelligence</i> |                |
| <b>Cadence Design Systems, Inc.</b>                                  | 2016 - 2018    |
| • Software Engineer (Full-time)                                      |                |
| Developing parsing tools for the Verilog Compiler                    |                |
| <b>Rocketick Technologies</b>  | 2014 - 2016    |
| • Software Engineer (Part-time)                                      |                |
| Developing parsing tools for the Verilog Compiler                    |                |

## PUBLICATIONS

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**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)

## HONORS AND AWARDS

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### M.Sc.

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

### B.Sc.

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

## SKILLS

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