

# Gili Goldin

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## EDUCATION

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|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2021 – Present | Ph.D. student, Computer Science<br>University of Haifa, Israel<br>Main field of study: Natural Language Processing<br>(Expected completion: March 2025) |
| 2017 – 2019    | M.Sc., Computer Science<br>University of Haifa, Israel<br>Main field of study: Natural Language Processing<br>Honors: Magna Cum Laude                   |
| 2012 – 2017    | B.Sc., Information Systems Engineering<br>Department of Computer Science<br>Technion - Israel Institute of Technology, Israel<br>Honors: Cum Laude      |

## RESEARCH EXPERIENCE

2021 – Present    Ph.D. Researcher, Computational Linguistics Group (CLG), University of Haifa  
Advisors: Prof. Shuly Wintner, Dr. Ella Rabinovich

- Designed and developed the Knesset Corpus, a large-scale, richly annotated corpus of Hebrew parliamentary proceedings.
- Investigated affective polarization in parliamentary discourse.
- Developed a multi-faceted annotation scheme for factuality and applied it to Hebrew parliamentary data.
- Analysed language richness and gender-based stylistic variation in political speech.
- Developed domain-specific Hebrew language models (e.g., Knesset-DictaBERT, Knesset-multi-e5-large).
- Explored emerging research directions in bias and fairness in multilingual language models.

2017 – 2019    M.Sc. Researcher, University of Haifa

Advisor: Prof. Shuly Wintner

- Conducted research on native language identification in user-generated content.
- Developed machine learning models for linguistic signal analysis across multiple languages.

## PROFESSIONAL EXPERIENCE

Feb. 2019 – Oct. 2021	Machine Learning Algorithm Engineer and Data Scientist in a research team, Defense Technology Company
Jan. 2017 – Feb. 2019	Real-Time Software Engineer, Defense Technology Company
March 2015 – Jan. 2017	Real-Time Software Developer Student, Defense Technology Company

## TEACHING EXPERIENCE

Oct. 2025 – Present	Course Coordinator and Instructor, <i>Natural Language Processing (NLP)</i> course, University of Haifa
Oct. 2024 – March 2025	Course Coordinator and Instructor, <i>Natural Language Processing (NLP)</i> course, University of Haifa
April 2024 – Sept. 2024	Teaching Assistant, <i>Natural Language Processing (NLP)</i> course, University of Haifa
Oct. 2023 – March 2024	Teaching Assistant, <i>Natural Language Processing (NLP)</i> course, University of Haifa
Feb. 2023 – Aug. 2023	Teaching Assistant, <i>Introduction to Machine Learning</i> course, University of Haifa

## HONOURS, SCHOLARSHIPS AND AWARDS

- Idit PhD Fellowship, University of Haifa – *Prestigious excellence program for outstanding doctoral students*, 2021 – Present
- Master of Science (Computer Science), *Dean's List for Graduate Studies*, University of Haifa, 2019
- Excellence Scholarship, M.Sc. (Second Year), University of Haifa – 9,500 ILS, 2018
- Bachelor of Science (Information Systems Engineering), *Cum Laude*, Technion - Israel Institute of Technology, 2017
- President's List, Technion - Israel Institute of Technology, Winter 2015/16
- Dean's List, Faculty of Computer Science, Technion - Israel Institute of Technology, Spring 2014/15
- Dean's List, Faculty of Computer Science, Technion - Israel Institute of Technology, Spring 2013/14

## PUBLICATIONS

- **Goldin, G.**, Rabinovich, E., & Wintner, S. (2025).  
*Unveiling Affective Polarization Trends in Parliamentary Proceedings*.  
Computational Linguistics (accepted).
- **Goldin, G.**, Wigderson, S., Rabinovich, E., & Wintner, S. (2025).  
*An Annotation Scheme for Factuality and Its Application to Parliamentary Proceedings*.  
In *Proceedings of the 15th International Conference on Recent Advances in Natural Language Processing (RANLP 2025): Natural Language Processing in the Generative AI Era*, Varna, Bulgaria, pp. 403–412. INCOMA Ltd.  
<https://aclanthology.org/2025.ranlp-1.49>
- **Goldin, G.**, Howell, N., Ordan, N., Rabinovich, E., & Wintner, S. (2025).  
*The Knesset Corpus: An Annotated Corpus of Hebrew Parliamentary Proceedings*.  
*Language Resources and Evaluation*, 59, 2973–3004.  
<https://doi.org/10.1007/s10579-025-09833-4>
- **Goldin, G.**, Rabinovich, E., & Wintner, S. (2018).  
*Native Language Identification with User-Generated Content*.  
In *Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP 2018)*, Brussels, Belgium, pp. 3591–3601.  
Association for Computational Linguistics. <https://aclanthology.org/D18-1395>

## PREPRINTS AND TECHNICAL REPORTS

**Goldin, G.**, & Wintner, S. (2024).  
*Knesset-DictaBERT: A Hebrew Language Model for Parliamentary Proceedings*.  
*arXiv preprint* [arXiv:2407.20581]. <https://arxiv.org/abs/2407.20581>

## CONFERENCE PRESENTATIONS AND TALKS

**Goldin, G.** (2024). *Identifying Trends in the Knesset Corpus*.  
Oral presentation at *ISCOL – The Israeli Seminar on Computational Linguistics*,  
University of Haifa, Israel.

## REFERENCES

Prof. Shuly Wintner	University of Haifa ( <i>Ph.D. advisor</i> )	<a href="mailto:shuly@cs.haifa.ac.il">shuly@cs.haifa.ac.il</a>
Dr. Ella Rabinovich	The Academic College of Tel-Aviv Yaffo ( <i>Ph.D. advisor</i> )	<a href="mailto:ellara@mta.ac.il">ellara@mta.ac.il</a>
Prof. Anna Brook	University of Haifa ( <i>Head of the Idit Fellowship Program</i> )	<a href="mailto:abrook@geo.haifa.ac.il">abrook@geo.haifa.ac.il</a>
Prof. Hagit Hel-Or	University of Haifa ( <i>Head of the Department of Computer Science and Chair of the Graduate Studies Committee</i> )	<a href="mailto:hagit@cs.haifa.ac.il">hagit@cs.haifa.ac.il</a>