

Gili Goldin

40 Littleriver Ct • Vaughan, ON • L6A 0K3 • Canada • Tel.: +1 437-463-0459
• Email: gili.sommer@gmail.com

EDUCATION

2021 – Present	Ph.D. student, Computer Science University of Haifa, Israel Main field of study: Natural Language Processing (Expected completion: March 2025)
2017 – 2019	M.Sc., Computer Science University of Haifa, Israel Main field of study: Natural Language Processing Honors: Magna Cum Laude
2012 – 2017	B.Sc., Information Systems Engineering Department of Computer Science Technion - Israel Institute of Technology, Israel 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, *Natural Language Processing (NLP)* course, University of Haifa
- Oct. 2024 – March 2025 Course Coordinator and Instructor, *Natural Language Processing (NLP)* course, University of Haifa
- April 2024 – Sept. 2024 Teaching Assistant, *Natural Language Processing (NLP)* course, University of Haifa
- Oct. 2023 – March 2024 Teaching Assistant, *Natural Language Processing (NLP)* course, University of Haifa
- Feb. 2023 – Aug. 2023 Teaching Assistant, *Introduction to Machine Learning* 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.