

Yuval Pinter

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EDUCATION

Georgia Institute of Technology, Atlanta, GA

2016–2021: *Doctor of Philosophy*, Computer Science
School of Interactive Computing
Thesis topic: Integrating Approaches to Word Representations
Advisor: Prof. Jacob Eisenstein

Tel Aviv University, Tel Aviv, Israel

2007–2011: Adi Lautman Interdisciplinary Program for Outstanding Students scholar.

2014: *Master of Arts*, Linguistics, *summa cum laude*.

Thesis topic: Semantics of *Before*

Advisor: Dr. Nirit Kadmon

2011: *Bachelor of Science*, Mathematics and Computer Science
(Double Major), *magna cum laude*.

AWARDS

2018, 2019, 2020: Awarded Bloomberg Data Science Ph.D Fellowships for 2018–21 (full tuition & full annual stipend).

2008–2011: Annual recipient of an Adi Lautman scholarship for excellence (in addition to tuition restitution).

2010: Pozis Foundation grant for distinguished MA students.

Travel grants: 2019: \$500 Student Travel Grant from the Georgia Tech School of Interactive Computing (for ACL).

2018, 2019, 2020: Travel grants from Bloomberg (\$5,000 annually).

PUBLICATIONS

Peer-reviewed, archival

* Equal contribution

15. **Yuval Pinter**, Cassandra L. Jacobs, Max Bittker. *NYTWIT: A Dataset of Novel Words in the New York Times*. COLING, December 2020.
14. **Yuval Pinter**, Cassandra L. Jacobs, Jacob Eisenstein. *Will it Unblend? Findings of EMNLP*, November 2020.
13. Sarthak Jain, Sarah Wiegrefe, **Yuval Pinter**, Byron C. Wallace. *Learning to Faithfully Rationalize by Construction*. ACL, July 2020.
12. Arya D. McCarthy et al. [17th of 21 authors]. *UniMorph 3.0: Universal Morphology*. LREC, May 2020.
11. Sarah Wiegrefe* and **Yuval Pinter***. *Attention is not not Explanation*. EMNLP, November 2019.
10. **Yuval Pinter**, Marc Marone, and Jacob Eisenstein. *Character Eyes: Seeing Language through Character-Level Taggers*. Blackbox NLP Workshop at ACL, August 2019.

9. **Yuval Pinter** and Jacob Eisenstein. *Predicting Semantic Relations using Global Graph Properties*. EMNLP, October 2018.
8. Ian Stewart*, **Yuval Pinter***, and Jacob Eisenstein. *Sí o no, ¿què penses? Catalanian Independence and Linguistic Identity on Social Media*. NAACL-HLT, June 2018.
7. Carmel Vaisman, Illan Gonen, and **Yuval Pinter**. *Nonhuman Language Agents in Online Collaborative Communities: Comparing Hebrew Wikipedia and Facebook Translations*. Discourse, Context & Media. March 2018.
6. Asma Ben Abacha, Eugene Agichtein, **Yuval Pinter**, and Dina Demner-Fushman. *Overview of the Medical Question Answering Task at TREC 2017 LiveQA*. TREC, November 2017.
5. **Yuval Pinter**, Robert Guthrie, and Jacob Eisenstein. *Mimicking Word Embeddings using Subword RNNs*. EMNLP, September 2017.
4. **Yuval Pinter**, Roi Reichart, and Idan Szpektor. *Syntactic Parsing of Web Queries with Question Intent*. NAACL-HLT, June 2016.
3. Gilad Tsur, **Yuval Pinter**, Idan Szpektor, and David Carmel. *Identifying Web Queries with Question Intent*. WWW, April 2016.
2. Eugene Agichtein, David Carmel, Donna Harman, Dan Pelleg, and **Yuval Pinter**. *Overview of the TREC {2015, 2016} Live QA Track*. TREC, November {2015, 2016}.
1. David Carmel, Avihai Mejer, **Yuval Pinter**, and Idan Szpektor. *Improving Term Weighting for Community Question Answering using Syntactic Analysis*. CIKM, November 2014.

Peer-reviewed, Non-archival (selected)

6. **Yuval Pinter**, Cassandra L. Jacobs, Jacob Eisenstein. *Will it Unblend?* SCiL, February 2021.
5. Ahmad Mohyeldin Mohamed, **Yuval Pinter**, Moran Frenkel-Pinter, Luke J Leman, and Loren Dean Williams. *RNA folding dictates its persistence*. Astrobiology Science Conference, June 2019.
4. Ian Stewart*, **Yuval Pinter***, and Jacob Eisenstein. *Catalonian Independence and Linguistic Identity on Social Media*. American Association for Corpus Linguistics Conference, September 2018.
3. **Yuval Pinter**, Shuki Tausig, and Oren Persico. *Exploring Israeli News Bias using Simple Textual Analysis*. Israeli Symposium on Computational Linguistics, 2015.
2. **Yuval Pinter**. *Modal Aspects of Before*. 1st International Graduate Student Conference on Diverse Approaches to Linguistics, 2011.
1. **Yuval Pinter**. *A Modification of Graded Modality Comparison*. 4th Conference on Modality in English, 2010.

Patents

1. US10489712B2 (granted 2020). Dan Pelleg, Oleg Rokhlenko, Idan Szpektor, **Yuval Pinter**, David Carmel, Somesh Jain, Archit Shrivastava, Shirin Oskooi. *Quality-based scoring and inhibiting of user-generated content*.

INVITED TALKS Seminars (selected)

† Remote

- 2021 *Challenging and Adapting NLP Models to Lexical Phenomena*. Johns Hopkins CLSP Seminar Series[†]; University of Wolverhampton RGCL Seminar Series[†].
- 2020–2021 *Atomic NLP*. Bar-Ilan University[†]; Haifa University[†]; Ben-Gurion University[†]; Technion Data Science Seminar[†].
- 2020 *In Search of Faithful Explanations*. Stony Brook University NLP Seminar[†].
- 2019–2020 *Looking into the Black Boxes of NLP*. AISC NLP Lecture Series[†]; Amazon Research Tel-Aviv; Tel-Aviv University Machine Learning Seminar.
- 2019 *Twenty Thousand Leagues under the Word*. City University of New York Computational Linguistics Summer Series.
- 2018–2019 *Integrating Approaches to Linguistic Representations*. Bloomberg Data Science; Yahoo Research Haifa; Technion Data Science Seminar; Ben-Gurion University.
- 2017 *Integrating Distributional and Compositional Approaches to Word Embeddings*. Amazon Research Haifa; Google Research Tel-Aviv; Technion Data Science Seminar; Bar-Ilan University.

Guest Lectures

- Fall 2020. City University of NY LING82100: Seminar in Writing Systems[†].
- Spring 2020. Georgia Tech CS4650: Natural Language.
- Fall 2018, Spring 2020[†]. Georgia Tech CS4803: Language and Computers.
- Spring 2016. Emory University CS572: Information Retrieval.

Panels

- April 2021. International Conference on Linguistics Communication: panel on writing for the general public[†].
- February 2020. Georgia Tech IPaT: think tank on Future of Language Research.

ACADEMIC SERVICE

Organization

- Co-Organizer, Israeli Seminar on Computational Linguistics (ISCOL): 2021.
- Co-Organizer, Blackbox NLP Workshop: 2020, 2021 (both at EMNLP).
- Publicity and Social Media Co-Chair, NAACL 2019.
- Co-Organizer, all TREC Live QA competitions: 2015, 2016, 2017.

Program Committee member: ACL Rolling Review, starting 2021; ACL 2015, 2017–2021; NAACL 2018–2019, 2021; EACL 2017, 2021; AACL 2020; EMNLP 2015–2020; COLING 2018[†], 2020; CoNLL 2016–2019; ACL Workshops 2021 (Adapt-NLP, W-NUT, CI&NLP), 2019–2020 (W-NUT + *SEM), 2014 (Social NLP); IJCAI 2016; WWW 2016; IGDAL 2012.

[†]Outstanding Reviewer

Secondary reviewer: Blackbox NLP 2019; ACL 2016; WSDM 2016; SIGIR 2014–2016; WWW 2015; ICWSM 2014.

Journal reviewer: CL (starting 2018); NLE (starting 2020).

Other: Georgia Tech President's Undergraduate Research Awards referee, 2020; Student Research Mentor, ACL 2020; Student Volunteer, EMNLP 2019; Social Media Student Volunteer, ACM FAT* 2019.

**PROFESSIONAL
EXPERIENCE**

Senior Lecturer **Ben-Gurion University of the Negev**
September 2021 – Present Be'er Sheva, Israel
PI of yet-unnamed-lab for natural language processing at the Department of
Computer Science.

Teaching Assistant **Georgia Institute of Technology**
August – December 2020 (Head TA) Atlanta, GA
January – April 2018
CS 4650/7650 – Natural Language (Profs. Diyi Yang, Jacob Eisenstein)

Research Science Intern **Bloomberg LP**
May – July 2020 New York, NY
May – August 2019

Research Science Intern **ASAPP, Inc.**
May – August 2018 New York, NY

Research Intern **The Home Depot**
May – August 2017 Atlanta, GA

Research Engineer **Yahoo Labs / Yahoo Research**
April 2013 – July 2016 Haifa, Israel

Computational Linguist **Ginger Software**
May 2011 – February 2013 Tel Aviv, Israel

Teaching Assistant **Tel Aviv University Linguistics**
March 2009 – September 2010 Tel Aviv, Israel
Recitation instructor for introductory and advanced courses in semantics for
Dr. Nirit Kadmon.