

# GABRIEL SATANOVSKY

## PERSONAL INFORMATION

*Born in Israel, 23 September 1986*

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## EDUCATION

*2014-  
2018(expected)* Bar Ilan University

*Doctor of  
Philosophy*

Conducts research in computational linguistics at Bar Ilan's NLP lab, under the supervision of Prof. Ido Dagan.

*2009-2012* Ben Gurion University

*Master of Science*

*Graduated with Honors (Thesis Overall Grade: 97; Thesis Defense Grade: 100)*  
Thesis title: *A Study in Hebrew Paraphrase Identification*  
Conducted research in the field of Hebrew natural language processing, under the supervision of Prof. Michael Elhadad.

*2004-2007* Ben Gurion University

*Bachelor of Science  
(Academic  
Reserve)*

Undergraduate Project: *Saya Speech Synthesis*  
Integrated compatible speech gestures for the department robot receptionist, under the supervision of Prof. Shlomi Dolev and Michael Orlov.

## FELLOWSHIPS

*2015 – 2016* IBM Ph.D. Fellowship award

## WORK EXPERIENCE

*2015* Research Internship

*Allen Institute for  
Artificial  
Intelligence (AI2)*

Summer internship in Seattle, Washington, at AI2's Euclid team under the supervision of Mark Hopkins. Explored the use of cascading tree transducers to solve geometric problems consisting of text and accompanying diagrams.

*2015 -* Teaching Assistant

*Bar Ilan  
University*

Designed and graded the course project for the Text Understanding course, under the supervision of Prof. Ido Dagan. The project guides students in developing an alignment based entailment system using various lexical resources (WordNet, PPDB, etc.).

*2011 – 2013* Avionic Software Team Leader

*Israeli Air Force*

Led a team of 4 engineers in the development of an encoder-decoder software product. The team implemented advanced and self-tailored compression and decompression algorithms. The implementation had to conform to rigid standards: embedded, hard real time, portable and lightweight.

*2009 – 2011* Avionic Software Team Leader

*Israeli Air Force*

Led a team of 3 engineers in the software development of an airborne aircraft. Designed and implemented various improvements to reduce run time and memory usage.  
*Received the unit's excellence award for the performance in this position*

|                              |                                                                                                                                                                                                                                                                                                                         |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Israeli Air Force</i>     | <div> <div>2007 – 2009</div> <div>Avionic Software Developer</div> </div> <p>Worked as part of a team of 4 engineers which developed an embedded real-time abstraction over the operating system of an airborne aircraft. This work was performed under extremely limiting and challenging computational resources.</p> |
| <i>Ben Gurion University</i> | <div> <div>2007</div> <div>Academic Grader</div> </div> <p>Worked as a grader for the 2007 Systems Programming course. Graded three large scale programming assignments of over 100 students. Under the supervision of Prof. Michael Elhadad and Dr. Meni Adler.</p>                                                    |

## PUBLICATIONS

- Annotating and Predicting Non-Restrictive Noun Phrase Modifications*

Gabriel Stanovsky and Ido Dagan.

ACL, Berlin, Germany. August 2016 (to appear).
- Specifying and Annotating Reduced Argument Span Via QA-SRL*

Gabriel Stanovsky, Ido Dagan and Meni Adler.

ACL, Berlin, Germany. August 2016 (to appear).
- Getting More Out Of Syntax with PropS*

Gabriel Stanovsky, Jessica Fidler, Ido Dagan, Yoav Goldberg

arXiv preprint. March 2016.
- Open IE as an Intermediate Structure for Semantic Tasks*

Gabriel Stanovsky, Ido Dagan and Mausam

ACL-IJCNLP, Beijing, China. July 2015.
- Proposition Knowledge Graphs*

Gabriel Stanovsky, Omer Levy and Ido Dagan

COLING, AHA workshop, Dublin, Ireland. August 2014.
- Intermediary Semantic Representation Through Proposition Structures*

Gabriel Stanovsky, Jessica Fidler, Ido Dagan and Yoav Goldberg

ACL, Semantic Parsing Workshop, Baltimore, Maryland, USA. June 2014.

## ACADEMIC PROFESSIONAL ACTIVITIES

- Reviewer for ACL (2016)

## COMPUTER SKILLS

|                                |                                                               |
|--------------------------------|---------------------------------------------------------------|
| <i>Operating Systems</i>       | Unix\Linux (C Shell, Bash), Microsoft Windows, MIL-STD-1750A. |
| <i>Communication Protocols</i> | TCP, UDP, MIL-STD-1553.                                       |

*Computer  
Languages*

Python, Scala, Perl, C\++, Java, Ada, 8086 assembly, and more.

#### OTHER INFORMATION

*Languages*

HEBREW · Native.

ENGLISH · Full professional proficiency.

SPANISH · Professional working proficiency.

June 13, 2016