

GABRIEL STANOVSKY

PERSONAL INFORMATION

Born in Israel, 23 September 1986

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EDUCATION

Doctor of Philosophy 2014-2018(*expected*) **Bar-Ilan University**
Conducts research in computational linguistics at Bar-Ilan's NLP lab, under the supervision of Prof. Ido Dagan.

Master of Science 2009-2012 **Ben Gurion University**
Graduated with Honors (Thesis Overall Grade: 97; Thesis Defense Grade: 100)
Thesis title: Hebrew Paraphrase Identification
Conducted research in the field of Hebrew natural language processing, under the supervision of Prof. Michael Elhadad.

Bachelor of Science (Academic Reserve) 2004-2007 **Ben Gurion University**
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

IBM Research 2016 **Research Intern**
Summer internship in San Jose, California, under the supervision of Pablo Mendes and Daniel Gruhl.

Allen Institute for Artificial Intelligence (AI2) 2015 **Research Intern**
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.

Bar-Ilan University 2015 - **Teaching Assistant**
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.).

Israeli Air Force 2011 – 2013 **Avionic Software Team Leader**
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**

<i>Israeli Air Force</i>	<p>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.</p> <p><i>Received the unit's excellence award for the performance in this position</i></p>
<i>Israeli Air Force</i> <i>Ben Gurion University</i>	<p>2007 – 2009 Avionic Software Developer</p> <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> <p>2007 Academic Grader</p> <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

1. *Modeling Extractive Sentence Intersection via Subtree Entailment*
Omer Levy, Ido Dagan, Gabriel Stanovsky, Judith Eckle-Kohler and Iryna Gurevych
COLING, Osaka, Japan. December 2016.
2. *Creating a Large Benchmark for Open Information Extraction*
Gabriel Stanovsky and Ido Dagan
EMNLP, Austin, Texas, USA. August 2016.
3. *Porting an Open Information Extraction System from English to German*
Tobias Falke, Gabriel Stanovsky, Iryna Gurevych and Ido Dagan
EMNLP, Austin, Texas, USA. August 2016.
4. *Annotating and Predicting Non-Restrictive Noun Phrase Modifications*
Gabriel Stanovsky and Ido Dagan
ACL, Berlin, Germany. August 2016.
5. *Specifying and Annotating Reduced Argument Span Via QA-SRL*
Gabriel Stanovsky, Ido Dagan and Meni Adler
ACL, Berlin, Germany. August 2016.
6. *Getting More Out Of Syntax with PropS*
Gabriel Stanovsky, Jessica Ficler, Ido Dagan, Yoav Goldberg
arXiv preprint. March 2016.
7. *Open IE as an Intermediate Structure for Semantic Tasks*
Gabriel Stanovsky, Ido Dagan and Mausam
ACL-IJCNLP, Beijing, China. July 2015.
8. *Proposition Knowledge Graphs*
Gabriel Stanovsky, Omer Levy and Ido Dagan
COLING, AHA workshop, Dublin, Ireland. August 2014.

9. *Intermediary Semantic Representation Through Proposition Structures*

Gabriel Stanovsky, Jessica Fidler, Ido Dagan and Yoav Goldberg
ACL, Semantic Parsing Workshop, Baltimore, Maryland, USA.
June 2014.

INVITED TALKS

- Natural Language Knowledge Representation
 - August 2016, Nuance lab seminar, Sunnyvale, California.
- Formulating, Crowdsourcing, and Predicting Better Argument Spans
 - August 2016, UKP lab, Darmstadt University, Germany.
 - July 2016, University of Washington NLP seminar, Seattle, Washington.
 - July 2016, IBM Research Almaden, San Jose, California.
- Open Information Extraction as Intermediate Structure for Semantic Tasks
 - August 2015, AI2 seminar, Seattle, Washington.

ACADEMIC PROFESSIONAL ACTIVITIES

- Reviewer for ACL(2016), EMNLP(2016), EACL(2017), COLING(2016), RepEval(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.
<i>Computer Languages</i>	Python, Scala, Perl, C\++, Java, Ada, 8086 assembly, and more.

OTHER INFORMATION

<i>Languages</i>	HEBREW · Native.
	ENGLISH · Full professional proficiency.
	SPANISH · Professional working proficiency.

November 25, 2016