

# Yoni Zohar

## Curriculum vitae

+1-669-2657486

✉ yoni.zohar@cs.tau.ac.il

📁 cs.tau.ac.il/research/yonizohar

### Education

- 2013–present **Ph.D. Candidate**, *School of Computer Science, Tel Aviv University*, Tel Aviv.
- 2010–2013 **M.Sc.**, *School of Computer Science, Tel Aviv University*, Tel Aviv, *with distinction*.  
Direct track to M.Sc.
- 2008–2012 **Interdisciplinary Program for Outstanding Students**, *Tel Aviv University*, Tel Aviv.

### Experience

- 2013–2016 **Teaching Assistant**, *Tel Aviv University*, Tel Aviv.  
Discrete Mathematics Course.
- 2013–2016 **Software Engineer**, *Intel*, Haifa.  
Student position. Worked on improving a constraint solver for automatic test generation.
- 2011–2013 **Software Engineer**, *Time To Know*, Tel Aviv.  
Student position. Worked on the development of an educational content generation tool.
- 2007–2011 **Instructor**, *Tichon Tel Aviv*, Tel Aviv.  
Preparation for the psychometric (SAT's) exam.
- 2003–2006 **Translator and Instructor**, *I.D.F.*  
Arabic translator and instructor in the intelligence force.

### Scholarships and Awards

- 2014–2017 **Travel Awards**, *IJCAR 2014-2016, WoLLIC 2014, ASL 2017, TABLEAUX 2017*.
- 2015 **Annual Outstanding Teaching Award**, *School of Computer Science, Tel Aviv University*.
- 2010–2014 **Excellence Scholarship**, *Friedman Fund*.
- 2008–2012 **Excellence Scholarship**, *Interdisciplinary Program for Outstanding Students, Tel Aviv*.

### Academic Activities

- 2012-2017 **Member of Organizing Committee**, *ISRALOG 2012, ISRALOG 2014, ISRALOG 2017*, Tel Aviv University and Haifa University.

### Languages and Environments

- Programming **Java, C/C++, Flex**.
- Scripting **Bash, tcsh, HTML**.
- Natural **Hebrew (native), English (fluent), Arabic (basic)**.

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## Publications

- 2017 **Cut-Admissibility as a Corollary of the Subformula Property.**  
Ori Lahav and Yoni Zohar  
TABLEAUX 2017  
*Best paper award*
- Reasoning Inside The Box: Deduction in Herbrand Logics.**  
Liron Cohen and Yoni Zohar  
GCAI 2017
- Sequent Systems for Negative Modalities.**  
Ori Lahav, João Marcos, and Yoni Zohar  
Logica Universalis
- Non-deterministic Matrices in Action: Expansions, Refinements, and Rexpansions.**  
Arnon Avron and Yoni Zohar  
ISMVL 2017
- 2016 **Gen2sat: An automated tool for deciding derivability in analytic pure sequent calculi.**  
Yoni Zohar and Anna Zamansky  
IJCAR 2016
- ‘Mathematical’ does not mean ‘Boring’: Integrating software assignments to enhance learning of logico-mathematical concepts.**  
Anna Zamansky and Yoni Zohar  
Cognise 2016
- It ain’t necessarily so: Basic sequent systems for negative modalities.**  
Ori Lahav, João Marcos, and Yoni Zohar  
AiML 2016
- 2014 **SAT-based Decision Procedure for Analytic Pure Sequent Calculi.**  
Ori Lahav and Yoni Zohar  
IJCAR 2014
- On the Construction of Analytic Sequent Calculi for Sub-classical Logics.**  
Ori Lahav and Yoni Zohar  
WoLLIC 2014
- 2013 **A Logical Investigation of Context Dependency.**  
M.Sc Thesis

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## Talks

- Gen2sat: A Generic Tool for Reasoning with Non-classical Logics**, Logic Seminar, Stanford University.
- Gen2sat: A SAT-based Tool for Pure Analytic Gentzen Calculi**, Association for Symbolic Logic North American annual meeting.
- Non-deterministic matrices in action: expansions, refinements, and rexpansions**, Association for Symbolic Logic North American annual meeting.
- 2016 **Extensions of Analytic Pure Sequent Calculi with Modal Operators**, Compositional Meaning in Logic, GeTFun 4.0, affiliated with IJCAR, Coimbra, Portugal.
- 2014 **SAT-based Decision Procedure for Analytic Pure Sequent Calculi**, ISRA-LOG, Haifa, Israel.