

Yoni Zohar

Curriculum vitae

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Education

- 2013–present **Ph.D. Candidate**, *School of Computer Science, Tel Aviv University*.
Advisor: Arnon Avron
Title: Efficient Analytic Proof Systems for Paraconsistent (and other) Logics
- 2010–2013 **M.Sc.**, *School of Computer Science, Tel Aviv University*, Direct track to M.Sc.
Advisor: Arnon Avron
Title: A Logical Investigation of Context Dependency
with distinction
- 2008–2012 **Interdisciplinary Program for Outstanding Students**, *Tel Aviv University*.

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 corps.

Scholarships and Awards

- 2014–2017 **Travel Awards**, IJCAR 2014-2016, WoLLIC 2014, ASL 2017, TABLEAUX 2017.
2015 **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*.

Academic Activities

- 2012-2017 **Member of Organizing Committee**, *ISRALOG 2012, ISRALOG 2014, ISRALOG 2017*, Tel Aviv University and Haifa University.
- 2016 **Sub-reviewer**, *LICS 2016*.

Languages and Environments

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

Publications

- 2018 **Online Detection of Effectively Callback Free Objects with Applications to Smart Contracts.**
Shelly Grossman, Ittai Abraham, Guy Golan-Gueta, Yan Michalevsky, Noam Rinetzky, Mooly Sagiv, and Yoni Zohar
POPL 2018
- 2017 **Reasoning Inside The Box: Deduction in Herbrand Logics.**
Liron Cohen and Yoni Zohar
GCAI 2017
- Cut-Admissibility as a Corollary of the Subformula Property.**
Ori Lahav and Yoni Zohar
TABLEAUX 2017
Best paper award
- 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

Talks

- 2017 **Reasoning Inside The Box: Gentzen Calculi for Herbrand Logics**, Logic Seminar, Stanford University.
- 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.

- 2016 **Extensions of Analytic Pure Sequent Calculi with Modal Operators**, Compositional Meaning in Logic, GeTFun 4.0, affiliated with IJCAR, Coimra, Portugal.
- 2014 **SAT-based Decision Procedure for Analytic Pure Sequent Calculi**, ISRA-LOG, Haifa, Israel.