Leonidas Lampropoulos

http://lemonidas.github.io
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WORK EXPERIENCE

POSTDOC (JOINED)
PostDoctoral Researcher
Supervisor: Mike Hicks, UMD
Supervisor: Benjamin C. Pierce, USA
September 2018 - present

MICROSOFT RESEARCH (INTERNSHIP)
Using formal methods for neural network verification
Summer 2015 | Microsoft Research Cambridge, UK
Advisors: Aditya Nori and Dimitrios Vytiniotis

EDUCATION

UPENN
PhD in Computer Science (Programming Languages)
August 2018 | Philadelphia, PA
Cum. GPA: 3.99
Advisor: Benjamin C. Pierce

NATIONAL TECHNICAL UNIVERSITY OF ATHENS
Diploma in Electrical Engineering and Computer Science
July 2012 | Athens, Greece
Thesis Advisor: Kostis Sagonas
Cum. GPA: 9.50 / 10.0

ATHENS COLLEGE
High School Diploma
June 2007 | Athens Greece
Magna Cum Laude - 19.6/20

LINKS

Github:// **lemonidas**

PROGRAMMING

LANGUAGES
Haskell • Coq • OCaml • C • C++ • F#
Erlang • Java • C# • JavaScript • Python
Prolog

EXAMPLE PROJECTS
Haskell: Luck - Interpreter
Coq: Luck - Metatheory
OCaml + Coq: QuickChick

RESEARCH (SELECTION)

POPL 2018
Generating Good Generators for Inductive Relations
Leonidas Lampropoulos, Zoe Paraskevopoulou and Benjamin C. Pierce.

POPL 2017
Beginner's Luck: A Language for Property-Based Generators
Leonidas Lampropoulos, Diane Gallois-Wong, Catalin Hritcu, John Hughes, Benjamin C. Pierce, and Li-yao Xia.

NIPS 2016
Measuring Neural Net Robustness with Constraints
Osbert Bastani, Yani Ioannou, Leonidas Lampropoulos, Dimitrios Vytiniotis, Aditya Nori and Antonio Criminisi.

ICFP 2013 + JFP 2016
Testing Noninterference, Quickly
Cătălin Hriţcu, Leonidas Lampropoulos, Antal Spector-Zabusky, Arthur Azevedo De Amorim, Maxime Dénès, John Hughes, Benjamin C. Pierce, Dimitrios Vytiniotis.

TEACHING

DEEPSPEC SUMMER SCHOOL
Property-based random testing with QuickChick (Lecture 3), 2017

UPENN
CIS 552: Advanced Programming (Haskell) Spring 2014
CIS 120: Programming Languages and Techniques I (OCaML, Java) Fall 2013

NTUA
Programming Languages I (SML, Java, Prolog) Spring 2012
Programming Techniques (C) Spring 2012
Computer Programming (Pascal) Fall 2011

AWARDS (SELECTION)

2014	Teaching Practicum Award (Penn Engineering)
2012	State Scholarship Foundation (IKY) award and scholarship for first place during the 5th year of studies
July 2011	Second Prize, 18th International Mathematical Competition (IMC) for University Students , Blagoevgrad, Bulgaria
2011	IKY first place award and scholarship (4th year)
July 2010	Honorable Mention, 17th IMC, Blagoevgrad, Bulgaria
2010	IKY first place award and scholarship (3rd year)
July 2009	Honorable Mention, 16th IMC, Budapest, Hungary
Mar 2009	2nd Award, South Eastern European Mathematical Olympiad, Cyprus
June 2007	High School Diploma with honors "Magna Cum Laude" Mathematics Award, Physics Award, Excellance Award (19.6)
Feb 2007	3rd Award, 24th Mathematical Olympiad "Archimedes"
Feb 2007	1st Award, 67th Panhellenic Math Contest "Euclid"
Feb 2006	1st Award, 66th Panhellenic Math Contest "Euclid"
June 2005	Third Prize, 9th Junior Balcan Mathematical Olympiad, Veroia
2002	American Mathematics Contest (AMC 8), third place