

Zoe Paraskevopoulou

PERSONAL INFORMATION	Date of birth: 31 July 1990 Citizenship: Greek	Webpage: zoep.github.io Email: zoe.paraskevopoulou@princeton.edu
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EDUCATION	PhD in Computer Science, Princeton University Area: Programming Languages Advisor: Andrew Appel	SEPTEMBER 2015 TO PRESENT
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	Master's Degree	SEPTEMBER 2014 TO SEPTEMBER 2015
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[Master Parisien de recherche en Informatique](#), École Normale Supérieure de Cachan, France

Specialization: Logics and Semantics of Programs

Thesis: *Self-Adjusting Computation for CostIt*, Grade: 19/20

Courses:

- Foundations of proof systems
- Linear logic and logical paradigms of computation
- Automated deduction
- Abstract interpretation
- Proof assistants
- Functional programming and type systems
- Proofs of programs
- Semantics, languages and algorithms for multicore programming

	Engineering Diploma (5-year degree)	SEPTEMBER 2008 TO SEPTEMBER 2014
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[School of Electrical and Computer Engineering](#), National Technical University of Athens, Greece

Majors: Computer Software, Computer Systems

Minors: Mathematics, Computer Networks

Thesis: *A Coq Framework For Verified Property Based Testing*, Grade: 10/10

Thesis Committee: Nikolaos Papasporou, Kostis Sagonas, Yannis Smaragdakis

RESEARCH EXPERIENCE	Research Internship at Max Planck Institute of Software Systems	MARCH 2015 TO AUGUST 2015
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- Topic: *Self-Adjusting Computation for CostIt*
- Advisor: Deepak Garg

	Research Internship at INRIA Paris-Rocquencourt	APRIL 2014 TO SEPTEMBER 2014
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- Topic: *QuickChick: A Coq Framework For Verified Property Based Testing*
- Advisor: Cătălin Hrițcu
- Team: PROSECCO

PUBLICATIONS	<i>A type theory for incremental computational complexity with control flow changes.</i> Ezgi Cicek, Zoe Paraskevopoulou and Deepak Garg. ACM SIGPLAN International Conference on Functional Programming (ICFP), 2016. To appear.
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Foundational Property-Based Testing.

Zoe Paraskevopoulou, Catalin Hritcu, Maxime Dénès, Leonidas Lampropoulos and Benjamin C. Pierce. In 6th International Conference on Interactive Theorem Proving (ITP), 2015.

WORKSHOP TALKS	<i>Making our Own Luck: A Language for Random Generators (Extended Abstract)</i> . Leonidas Lampropoulos, Benjamin C. Pierce, Cătălin Hrițcu, John Hughes, Zoe Paraskevopoulou and Li-yao Xia. PPS 2016
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A Coq Framework For Verified Property-Based Testing (Extended Abstract).
 Zoe Paraskevopoulou, Catalin Hritcu, Maxime Dénès, Leonidas Lampropoulos and Benjamin C. Pierce. CoqPL 2015.

QuickChick: Property-Based Testing for Coq.
 Maxime Dénès, Catalin Hritcu, Leonidas Lampropoulos, Zoe Paraskevopoulou and Benjamin C. Pierce. The 6th Coq Workshop. July 2014.

SCHOLARSHIPS AND AWARDS	Stanley J. Seeger Hellenic Studies Prize	2015
	Thomaidio Award For ranking first among the students of my class at NTUA ECE department for the academic year 2012-2013	2015
	KARY Award Award for excellent academic performance for the academic year 2012-2013	2014
	INRIA-MPRI Scholarship 1 year scholarship to attend the MPRI program.	2014
	Scholarship to attend Applied Functional Programming in Haskell Summer School, Utrecht University, Netherlands.	2013
OTHER COURSES	Summer School on Applied Functional Programming in Haskell Utrecht University, Netherlands.	AUGUST 2013
	Certificates of accomplishment for the following Online Courses :	
	<ul style="list-style-type: none"> • Cryptography I provided by Stanford University through Coursera Inc. • Software as a Service provided by BerkeleyX through edX 	MARCH 2013 NOVEMBER 2012
INTERESTS	Programming languages theory and implementation, logic, computer security, static analysis, software testing and verification	
OTHER ACTIVITIES	Music studies at the National Conservatory of Athens.	
	Piano	SEPTEMBER 2008 TO PRESENT
	Chamber Music	SEPTEMBER 2013 TO JUNE 2014
	Choral Conducting	SEPTEMBER 2012 TO JUNE 2014
	Theory of Harmonization	SEPTEMBER 2011 TO JUNE 2014
	Music Theory	SEPTEMBER 2010 TO JUNE 2011