

Zoi Paraskevopoulou

PERSONAL INFORMATION	Date of birth: 31 July 1990 Gender: Female Citizenship: Greek	Webpage: zoep.github.io Email(s): zoe.paraskevopoulou@gmail.com zoi.paraskevopoulou@ens-cachan.fr
EDUCATION	Master's Degree SEPTEMBER 2014 TO SEPTEMBER 2015 (EXPECTED) Master Parisien de recherche en Informatique , École Normale Supérieure de Cachan, France Level: M2 Specialization: Logics and Semantics of Programs Courses: <ul style="list-style-type: none">• 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	
	Diploma (5 years degree) SEPTEMBER 2008 TO SEPTEMBER 2014 School of Electrical and Computer Engineering , National Technical University of Athens, Greece Majors: Computer Software, Computer Systems Minors: Mathematics, Computer Networks Thesis: <i>A Coq Framework For Verified Property Based Testing</i> , Grade: 10/10 Thesis Committee: Nikolaos Papasporou, Kostis Sagonas, Yannis Smaragdakis GPA: 8.4/10	
	General Lyceum (Upper Secondary School) SEPTEMBER 2005 TO JUNE 2008 Geitonas School, Athens, Greece GPA: 19.5/20	
RESEARCH EXPERIENCE	Research Internship at INRIA Paris-Rocquencourt APRIL 2014 TO SEPTEMBER 2014 <ul style="list-style-type: none">• Topic: <i>QuickChick: A Coq Framework For Verified Property Based Testing</i>• Advisor: Cătălin Hrițcu• Team: PROSECCO	
WORKSHOP TALKS	<i>A Coq Framework For Verified Property-Based Testing (Extended Abstract)</i> . Zoe Paraskevopoulou, Catalin Hritcu, Maxime Dénès, Leonidas Lampropoulos and Benjamin C. Pierce. CoqPL 2015. <i>QuickChick: Property-Based Testing for Coq</i> . Maxime Dénès, Catalin Hritcu, Leonidas Lampropoulos, Zoe Paraskevopoulou and Benjamin C. Pierce. The 6th Coq Workshop. July 2014.	
SCHOLARSHIPS AND AWARDS	Selected for scholarship for attending PLMW at POPL 2015. 2014 INRIA-MPRI Scholarship 2014 1 year scholarship for attending the MPRI program. Scholarship for attending Applied Functional Programming in Haskell 2013 Summer School, Utrecht University, Netherlands.	

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. 	MARCH 2013
	<ul style="list-style-type: none"> • Software as a Service provided by BerkeleyX through edX 	NOVEMBER 2012
NOTABLE STUDENT PROJECTS	Lambda Calculus Interpreter An interpreter for a typed lambda calculus variant featuring let and let-rec definitions, if-then-else construct, pairs, various arithmetic, boolean and relative operators, type inference and let-polymorphism. Implemented in Haskell in a team of 2 students.	NOVEMBER 2013
	Llama Compiler A compiler for an OCaml-like language with pattern matching, type inference, high order functions and user defined data types. The compiler performs control flow graph, peephole and tail call optimizations. Developed in OCaml in a team of 3 students.	OCTOBER 2013
	Advanced Topics in Database Systems Project A bibliographic report about security and cryptography in database systems, written in a team of 2 students.	MARCH 2013
	Cryptography Project A library implementing basic operations on elliptic curves over prime fields, Elliptic Curve digital signature and Diffie-Hellman key exchange algorithms. Developed in OCaml in a team of 2 students.	JANUARY 2013
	Database Systems Project Design and implementation of a database management system for a fictional airport, following the MVC pattern. Developed using MySQL, PHP, HTML and Javascript in a team of 2 students.	FEBRUARY 2012
COMPUTER SKILLS	Proof Assistants Coq, SSReflect library Programming Languages OCaml, Haskell, Prolog, C, Erlang, Unix Shell Scripting, Assembly (x86, AVR) Other Tools and Frameworks Git, L ^A T _E X, Gnuplot, VIM, Emacs, Frama-C	
INTERESTS	programming languages theory and implementation, computer security, static analysis, software testing and verification, formal methods, cryptography, functional programming	
LANGUAGES	Greek Mother Tongue English Proficient speaking and writing skills French Elementary speaking and writing skills	
OTHER ACTIVITIES	Music studies at the National Conservatory of Athens. Piano Choral Conducting Theory of Harmonization Music Theory	SEPTEMBER 2008 TO PRESENT SEPTEMBER 2012 TO JUNE 2014 SEPTEMBER 2011 TO JUNE 2014 SEPTEMBER 2010 TO JUNE 2011