

PERSONAL INFORMATION	Webpage: zoep.github.io	Citizenship: Greek
	Email: z.paraskevopoulou@northeastern.edu	
EDUCATION	PhD in Computer Science, Princeton University Area: Programming Languages Advisor: Andrew W. Appel Teaching: <ul style="list-style-type: none">• COS 226: <i>Algorithms and Data Structures</i> (Spring 2017)• COS 510: <i>Programming Languages</i> (Spring 2018, Spring 2019)	09/2015 TO 11/2020
	Master's Degree, <i>Summa Cum Laude</i> Master Parisien de recherche en Informatique , École Normale Supérieure de Cachan, France Specialization: Logics and Semantics of Programs Thesis: <i>Self-Adjusting Computation for CostIt</i> Advisor: Deepak Garg	09/2014 TO 09/2015
	Combined BS/MS in Engineering 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> Advisor: Cătălin Hrițcu	09/2008 TO 09/2014
EMPLOYMENT	Postdoctoral Research Associate in Computer Science Khoury College of Computer Sciences, Northeastern University Working with Prof. Amal Ahmed. Computing Innovation Fellow 2020. Internship at Facebook Research Internship at Microsoft Research Redmond Research Internship at Microsoft Research Redmond Research Internship at Max Planck Institute of Software Systems Research Internship at INRIA Paris-Rocquencourt	11/2019 TO PRESENT 06/2019 TO 08/2019 06/2018 TO 08/2018 06/2017 TO 08/2017 03/2015 TO 08/2015 04/2014 TO 09/2014
SCHOLARSHIPS AND AWARDS	Computing Innovation Fellows 2020 2-year postdoctoral fellowship from Computing Research Association. Project: Safe language interoperability on top of WebAssembly. Mentor: Professor Amal Ahmed. Acceptance rate 11%. Siebel Scholars Fellowship Scholarship towards my final year of study at Princeton University Stanley J. Seeger Hellenic Studies Prize Scholarship towards my first year of study at Princeton University Thomaidio Award For ranking first among the students of my class at NTUA ECE department during the academic year 2012-2013	2020 2019 2015 2015

	KARY Award	2014
	NTUA award for excellent academic performance for the academic year 2012-2013	
	INRIA-MPRI Scholarship	2014
	1 year fellowship to attend the MPRI master's program.	
PUBLICATIONS	<p><i>Compositional Optimizations for Certiog.</i> Zoe Paraskevopoulou, John M. Li, and Andrew Appel. In ACM SIGPLAN International Conference on Functional Programming (ICFP), 2021.</p> <p><i>Closure Conversion is Safe for Space.</i> Zoe Paraskevopoulou, and Andrew W. Appel. In ACM SIGPLAN International Conference on Functional Programming (ICFP), 2019.</p> <p><i>Meta-F*: Proof Automation with SMT, Tactics, and Metaprograms.</i> Guido Martínez, Danel Ahman, Victor Dumitrescu, Nick Giannarakis, Chris Hawblitzel, Cătălin Hrițcu, Monal Narasimhamurthy, Zoe Paraskevopoulou, Clément Pit-Claudel, Jonathan Protzenko, Tahina Ramananandro, Aseem Rastogi, and Nikhil Swamy. In European Symposium on Programming (ESOP), 2019.</p> <p><i>Generating Good Generators for Inductive Relations.</i> Leonidas Lampropoulos, Zoe Paraskevopoulou, and Benjamin Pierce. In ACM SIGPLAN Symposium on Principles of Programming Languages (POPL), 2018.</p> <p><i>A type theory for incremental computational complexity with control flow changes.</i> Ezgi Cicek, Zoe Paraskevopoulou, and Deepak Garg. In ACM SIGPLAN International Conference on Functional Programming (ICFP), 2016.</p> <p><i>Foundational Property-Based Testing.</i> Zoe Paraskevopoulou, Cătălin Hrițcu, Maxime Dénès, Leonidas Lampropoulos, and Benjamin C. Pierce. In 6th International Conference on Interactive Theorem Proving (ITP), 2015.</p>	
WORKSHOP PAPERS	<p><i>ML as a Tactic Language, Again.</i> Guido Martínez, Danel Ahman, Victor Dumitrescu, Nick Giannarakis, Chris Hawblitzel, Cătălin Hrițcu, Monal Narasimhamurthy, Zoe Paraskevopoulou, Clément Pit-Claudel, Jonathan Protzenko, Tahina Ramananandro, Aseem Rastogi, and Nikhil Swamy. ML 2018.</p> <p><i>CertiCoq: A verified compiler for Coq (Extended Abstract).</i> Abhishek Anand, Andrew Appel, Greg Morrisett, Zoe Paraskevopoulou, Randy Pollack, Olivier Savary Belanger, Matthieu Sozeau, and Matthew Weaver. CoqPL 2017.</p> <p><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.</p> <p><i>A Coq Framework For Verified Property-Based Testing (Extended Abstract).</i> Zoe Paraskevopoulou, Cătălin Hrițcu, Maxime Dénès, Leonidas Lampropoulos, and Benjamin C. Pierce. CoqPL 2015.</p> <p><i>QuickChick: Property-Based Testing for Coq.</i> Maxime Dénès, Cătălin Hrițcu, Leonidas Lampropoulos, Zoe Paraskevopoulou, and Benjamin C. Pierce. The 6th Coq Workshop. July 2014.</p>	
OTHER COURSES AND SEMINARS	<p>Dagstuhl Seminar: Secure Compilation. Invited participant.</p> <p>Summer School in Applied Functional Programming in Haskell Utrecht University, Netherlands.</p>	<p>MAY 2018</p> <p>AUGUST 2013</p>

SERVICE	Program Committee, PEPM 2022
	Program Committee, CPP 2022
	Workshops Co-char, ICFP 2021
	Program Committee, TFP 2020
	Program Committee, ML 2019
	External Review Committee, ICFP 2019
	Program Committee, TyDe 2018
	Program Committee, OCaml 2017
	Artifact Evaluation Committee, POPL 2017
RESEARCH INTERESTS	verified compilation, language interoperability, proof assistants, program verification, testing