NataliiaStulova

contact	experience			
nata.stulova@pm.me	2019 - now	EPFL (École polytechnique fédérale de Lausanne) Postdoc Lausanne, Switzerland I am currently working on applying natural language processing (NLP) techniques in the area of software development, in particular within the task of code summarization.		
IIIINO				
web:// s0nata.github.io LinkedIn:// nata-stulova	2014 – 2018	IMDEA Software Institute Research Assistant My research focus has been specification-based software verification: how to write appoint of program behavior how to introduce non-trivial proportion of program and program a		
programming		specifications of program behavior, how to introduce non-trivial properties of programs, how to check them thoroughly, and how to do this efficiently.		
Prolog C++, Java L ^{AT} EX bash	2012 – 2013	Intelligent Systems and Knowledge Engineering Group Research Intern Technical University of Madrid (UPM) I have been designing and implementing a graphical user interface (GUI) for a multiagent airspace simulation system.		
languages	educatio	on a second seco		
native	2014-2018	PhD in Software, Systems and Computing cum laude	Technical University of Madrid (UPM)	
Ukrainian	2012-2013	MSc in Artificial Intelligence	Technical University of Madrid (UPM)	
Russian proficient English	2008-2012	BSc in System Analysis	National Technical University of Ukraine "Kyiv Polytechnic Institute" (NTUU "KPI")	
Spanish German	research			
beginner Hebrew French	PPDP'18	Static Performance Guarantees for Programs with Run-time Checks M. Klemen, N. Stulova, P. Lopez-Garcia, J. F. Morales, M. Hermenegildo 20th International ACM SIGPLAN Symposium on Principles and Practice of Declarative Programming		
interests	PADĽ18	Exploiting Term Hiding to Reduce Run-time Checking Overhead N. Stulova, J. F. Morales, M. Hermenegildo 20th International Symposium on Practical Aspects of Declarative Languages declarative programming * module systems * assertions * abstract interpretation * run-time checking		
> program specification	FADLIO			
languages	SCP'17	Some Trade-offs in Reducing the Overhead of Assertion Run-time Checks via Static Analysis N. Stulova, J. F. Morales, M. Hermenegildo Science of Computer Programming, 18th International ACM SIGPLAN Symposium on Principles and Practice of Declarative Programming (PPDP'16) Special Issue abstract interpretation *assertions *run-time checking *logic programming *horn clauses		
> specification-based software verification and synthesis				
> natural language processing	ICLP'15	Practical Run-time Checking via Unobtrusive Property Caching N. Stulova, J. F. Morales, M. Hermenegildo Theory and Practice of Logic Programming, 31st International Conference		
> software engineering	on Logic Programming Special Issue assertions * property caching * memoization * run-time checking			
> general artificial intelligence	PPDP'14			
> computational linguistics				
> knowledge representation and	other qualifications			
reasoning	2017	Workshop Chair Organizer web present Co-organized CICLOPS'17 – 15th International Constraint and Logic Programming Systems co	·	

SAT'17.

Constraint and LOgic Programming Systems, co-located with ICLP'17 / CP'17 /