## NataliiaStulova

contact	experience			
nata.stulova@pm.me	2019 – now	EPFL (École polytechnique fédérale de Lausanne)   Postdoc Lausanne, Switzerland		
links		I am working on applications of natural language processing (NLP) techniques in the area of software development, in particular for the tasks of source code automatic documentation and summarization.		
web:// <b>s0nata.github.io</b> LinkedIn:// <b>nata-stulova</b>	2014 – 2018	IMDEA Software Institute   Research Assistant Madrid, Spain My research focus has been specification-based software verification: how to write specifications of program behavior, how to introduce non-trivial properties of pro-		
programming		grams, how to check them thoroughly, and how to do this efficiently.		
Prolog C++, Java L <sup>A</sup> T <sub>E</sub> X 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		
native	2014-2018	<b>PhD</b> 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 <b>proficient</b> English	2008-2012		National Technical University of Ukraine "Kyiv Polytechnic Institute" (NTUU "KPI")	
Spanish	research	rch		
German <b>beginner</b> French Hebrew	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 resource usage analysis * assertions * declarative programming * run-time checking		
interests	PADĽ18	Exploiting Term Hiding to Reduce Run-time Checking Overhead		
> software engineering	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	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		
> natural language processing	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		
> computational linguistics				
> knowledge representation and reasoning > program	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 on Logic Programming Special Issue assertions * property caching * memoization * run-time checking		
specification languages	PPDP'14	Assertion-based Debugging of Higher-Order (C)LP Programs  N. Stulova, J. F. Morales, M. Hermenegildo  16th International ACM SIGPLAN Symposium on Principles and Practice of Declarative Programming  higher-order * assertions * run-time checking * declarative programming		

## other qualifications

2017 **Workshop Chair | Organizer** web presence • talk scheduling • submission review Co-organized CICLOPS'17 - 15th International Colloquium on Implementation of Constraint and LOgic Programming Systems, co-located with ICLP'17 / CP'17 / SAT'17.