

# Milena Vujošević Janičić

## POSITIONS

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- 2015– **ASSISTANT PROFESSOR**, Department of Computer Science. Courses:  
*Programming Paradigms*  
*Design of Programming Languages*  
*Programming Language C*  
*Research Methods and Professional Skills*
- 2015–2016 **INDUSTRY RELATIONS COORDINATOR**
- 2004–2014 **TEACHING ASSISTANT**, Department of Computer Science. Courses:  
*Introduction to Computer Architecture*  
*Computer Architecture and Operating Systems*  
*Programming language C++*  
*Computer Networks*  
*Programming language C*

## RESEARCH INTERESTS

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SOFTWARE ANALYSIS AND VERIFICATION  
AUTOMATED BUG FINDING

## EDUCATION

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- 2013 **PhD thesis**  
AUTOMATED GENERATION AND CHECKING OF VERIFICATION CONDITIONS  
*Faculty of Mathematics*, supervisor: prof. Dušan Tošić, in collaboration with prof. Viktor Kuncak, EPFL (Switzerland)
- 2008 **Master thesis**  
AUTOMATED DETECTION OF BUFFER OVERFLOWS IN PROGRAMMING LANGUAGE C  
*Faculty of Mathematics*, supervisor: prof. Dušan Tošić
- 1999–2004 **Undergraduate studies**  
DEPARTMENT OF COMPUTER SCIENCE  
*Faculty of Mathematics*  
GPA 9.86 (out of 10)

## AWARDS

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- 2004 Faculty of Mathematics Award for outstanding results.
- 2000–2004 Scholarship **Support for Youth in Sciences Foundation of the Republic of Serbia.**
- 2003 **Royal home of Karađorđević** scholarship as one of the top 101 students in Serbia, Montenegro and Republic of Srpska.
- 2002 **Norwegian government Scholarship** as one of the top 500 students in Serbia.
- 2001 **Scholarship of the Government of Republic of Serbia.**

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Full CV



## SOFTVER

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LAV — LLVM AUTOMATED VERIFIER  
URL: <http://argo.matf.bg.ac.rs/?content=lav>

## SELECTED PUBLICATIONS

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- Milena Vujošević Janičić, Viktor Kuncak. *Development and Evaluation of LAV: an SMT-Based Error Finding Platform*. VSTTE, LNCS, Springer 2012.
- Milena Vujošević Janičić, Mladen Nikolić, Dušan Tošić, Viktor Kuncak. *Software Verification and Graph Similarity for Automated Evaluation of Students' Assignments*. Information and Software Technology. Elsevier, 2013.
- Milena Vujošević Janičić, Filip Marić, Dušan Tošić. *Using Simplex Method in Verifying Software Safety*. YUJOR, 2009.
- Milena Vujošević Janičić. *Ensuring Safe Usage of Buffers in Programming Language C*. ICSoft, Portugal, 2008.

## CONFERENCES, SUMMER SCHOOLS, RESEARCH VISITS

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- 2016 — *EUTYPES*, Novi Sad, Serbia
- 2014 — *FMCAD*, Switzerland  
— *Next Generation Static Software Analysis Tools*, Dagstuhl seminar, Germany
- 2013 — *SAT/SMT Summer School*, Finland  
— *Progress in Decision Procedures: From Formalizations to Applications*, Belgrade
- 2012 — *Winter School on Verification*, Austria  
— *VSTTE*, USA  
— *FATPA*, Belgrade
- 2011 — Research visit, EPFL, Switzerland  
— *FATPA*, Belgrade
- 2009 — *Foundations of Information Technologies*, Summer School, Novi Sad  
— *FATPA*, Belgrade
- 2008 — *International Conference on Software and Data Technologies*, Portugal
- 2005 — *Mathematical Modelling Week*, Novi Sad
- 2004 — *ICCL Summer School*, Germanz.
- 2002 — *internship*, 6 weeks, Polytechnical University in Hong Kong
- 2000 — *internship*, 8 weeks, IOWA State University, Department for Applied Mathematics