

CURRICULUM VITAE

VESNA MARINKOVIĆ

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Personal Details

Gender: Female
Maiden name: Pavlović
Date of birth: March 24th, 1982
Place of birth: Niš, Serbia
Citizenship: Serbian

Positions

2016–present Assistant professor at the Department for Computer Science, Faculty of Mathematics, University of Belgrade.

2009–2016 Teaching assistant at the Department for Computer Science, Faculty of Mathematics, University of Belgrade.

2006–2009 Teaching assistant trainee at the Department for Computer Science, Faculty of Mathematics, University of Belgrade.

Courses taught:

- Introduction to Programming I (Programming language C) (exercises)
- Introduction to Programming II (Programming language C) (lectures and exercises)
- Algorithms and Data Structures (lectures and exercises)
- Analysis and Design of Algorithms I (lectures and exercises)
- Analysis and Design of Algorithms II (exercises)

- Databases (lectures and exercises)
 - Computer Graphics (lectures)
 - Introduction to Web and Internet Technologies (lectures)
 - Teaching Methods in Computer Science (Microsoft Office Tutorial) (exercises)
 - Object-oriented programming (Programming language Java) (exercises)
 - Introduction to Computer Systems (Programming language C++) (exercises)
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Education

06/2015 Defended PhD thesis: “Automated solving of construction problems in geometry”, advisor: Predrag Janičić

04/2007–06/2015 PhD studies at Department of Computer Science, Faculty of Mathematics, University of Belgrade; GPA 10.00 (on the scale from 6.00 to 10.00).

10/2000–07/2006 Undergraduate studies at Department of Computer Science, Faculty of Mathematics, University of Belgrade; graduated with GPA 9.45 (on the scale from 6.00 to 10.00).

09/1996–06/2000 Secondary School “Bora Stanković” in Niš; school finished with top average mark, was awarded the best student of the generation.

09/1990–06/1996 Elementary Music School “Dr. Vojislav Vučković” in Niš.

09/1988–06/1996 Elementary School “Vožd Karadjordje” in Niš; school finished with top average mark, was awarded the best student of the generation.

Awards

05/2000 The first prize at the State Competition in Mathematics.

02/2000 The first prize at the State Competition “Tournament of Schools” in Mathematics.

05/1999 The first prize at the State Competition in Mathematics.

02/1999 The first prize at the State Competition “Tournament of Schools” in Mathematics.

07/1998 The third prize at the International Competition “Tournament of Towns” in Mathematics, Hamburg, Germany.

05/1996 The first prize at the State Competition in Mathematics and in Computer Science.

Scholarships

09/2000–04/2006 The Scholarship of The Serbian Ministry of Science and Technology

09/1998–09/2000 The Scholarship of The Republic Foundation for the Development of Youth in Science and Arts

Papers

- V. Marinković: ArgoTriCS - Automated Triangle Construction Solver, *Journal of Experimental & Theoretical Artificial Intelligence*, vol. 29, no. 2, pp. 247–271, 2017.
- V. Marinković, M. Nikolić, Z. Kovacs, and P. Janičić, Portfolio Methods in Theorem Proving for Elementary Geometry, Proceedings of ADG 2016, pp. 152–161, 2016.
- P. Schreck, P. Mathis, V. Marinković, and P. Janičić, Wernick’s List: A Final Update, *Forum Geometricorum*, Department of Mathematical Sciences, Florida Atlantic University, vol. 16, pp. 69–80, 2016.
- P. Schreck, V. Marinković, and P. Janičić, Constructibility Classes for Triangle Location Problems, *Mathematics in Computer Science*, Springer, vol 10, no. 1, pp. 27–39, 2016.
- V. Marinković: On-line Compendium of Triangle Construction Problems with Automatically Generated Solutions, *The Teaching of Mathematics*, XVIII.1, pp. 29–44, 2015.
- V. Marinković: Proof Simplification in the Framework of Coherent Logic, *Computing and Informatics*, vol. 34, no.2, pp.337–366, 2015.
- V. Marinković, P. Janičić, P. Schreck: Computer Theorem Proving for Verifiable Solving of Geometric Construction Problems, In F. Botana and P. Quaresma, editors, *Automated Deduction in Geometry, ADG 2014*, volume 9201 of *Lecture Notes in Computer Science*, pp. 72–93. Springer, 2015.
- V. Marinković, P. Janičić: Towards Understanding Triangle Construction Problems, In J. Jeuring et al, editors, *Intelligent Computer Mathematics, CICM 2012*, volume 7362 of *Lecture Notes in Artificial Intelligence*, pp. 126-141, 2012.

- S. Tomažič, **V. Pavlović**, J. Milovanović, J. Sodnik, A. Kos, S. Stancin, V. Milutinović, Fast file existence checking in archiving systems, *Transactions on Storage* 7(1): 2, 2011.
 - S. Stojanović, **V. Pavlović**, and P. Janičić, A Coherent Logic Based Geometry Theorem Prover Capable of Producing Formal and Readable Proofs, In P. Schreck, J. Narboux, and J. Richter-Gebert, editors, *Automated Deduction in Geometry, ADG 2010*, volume 6877 of *Lecture Notes in Artificial Intelligence*, pp. 200–219. Springer, 2011.
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Textbooks

- F. Marić, V. Marinković, Računarstvo i informatika 4, udžbenik za četvrti razred gimnazije, Klett, Beograd, 2017.
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Talks

- 02/2011** **V. Pavlović**, Solving Geometric Construction Problems, Fourth Workshop on Formal and Automated Theorem Proving and Applications, Belgrade, Serbia
 - 07/2010** S. Stojanović, **V. Pavlović**, P. Janičić, Automated Generation of Formal and Readable Proofs in Geometry using Coherent Logic, ADG 2010, Munich
 - 01/2009** **V. Pavlović**, XML suite for Isar, Workshop on Formal and Automated Theorem Proving, Belgrade, Serbia
 - 01/2009** S. Stojanović, **V. Pavlović**, P. Janičić, Formalization and Automation of Euclidean Geometry, Workshop on Formal and Automated Theorem Proving, Belgrade, Serbia
 - 04/2008** S. Stojanović, **V. Pavlović**, Formalization and Automation of Euclidean Geometry, Spring School Geometry and Visualization, Belgrade, Serbia
 - 12/2006** J. Milovanović, **V. Pavlović**, S. Tomažič, Statistical Analysis on Hash Based Search, VIPSI-2006 Bled, Slovenia
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Visits, Conferences and Summer Schools

- 08/2011** Participated in Summer School on Program Synthesis, Schloss Dagstuhl, Germany
- 05/2009–08/2009** Worked as a visiting researcher at Politechnical University of Valencia, Spain, under the Tempus DEUKS project

08/2008–09/2008 Participated in ICCL Summer School 2008 on Computational Logic and Cognitive Science, Technical University Dresden, Germany

04/2006–07/2006 Participated in student exchange program at the Faculty of Electrical Engineering in Ljubljana, Slovenia; working on the joint project of the Faculty of Electrical Engineering in Belgrade and the Faculty of Electrical Engineering in Ljubljana: “Fast File Existence Checking in Archiving System”

11/2005 Participated in International Conference IPSI Bled, Slovenia

03/2005–06/2005 Participated in student exchange program at the Faculty of Electrical Engineering in Ljubljana, Slovenia; working on the project: “Ranking the Efficient Points in DEA by Efficiency Function Using PCA”

10/2004 Participated in International Conference IPSI Sveti Stefan, Montenegro

Project involvement

2006–present Involved in research projects of Ministry of Science of Republic of Serbia, in the area of Automated Reasoning

2007–2009 Involved in TEMPUS project: DEUKS (Doctoral School towards European Knowledge Society)

2009–2013 Involved in COST (EU) project IC0901 – “Rich-Model Toolkit - An Infrastructure for Reliable Computer Systems”

2012–2013 Involved in Serbian-French cooperation project EGIDE/Pavle Savić – “Formalization and automation of geometry”

Language Knowledge

Serbian	native
English	fluent
German	basic
Spanish	basic

Miscellaneous

2000–present A member of Mensa Organization

2007–present Secretary of ARGO Seminar (seminar of Automated Reasoning GrOup, based at the Department of Computer Science of the Faculty of Mathematics, Belgrade, Serbia)

Belgrade, September 25, 2017