

## Andreja Ilić

February 13, 1987, Niš, Serbia

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### SCHOOL ADDRESS

Višegradska 33  
18000 Niš, Serbia  
+38118533015

### HOME ADDRESS

Borivoja Gojkovića 6  
18000 Niš, Serbia  
+381644552647

## EDUCATION

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- 2006 – now      *Faculty of Sciences and Mathematics*, University of Niš, Serbia, **current GPA: 10 / 10**  
B.Sc. Mathematics with Computer Science
- 2002 – 2006      “*Svetozar Marković*” High School, Niš, Serbia, **GPA: 5 / 5,**  
**Honor for the best student of the graduating class of 2006**
- 1994 – 2002      “*Učitelj Tasa*” Elementary School, Niš, Serbia, **GPA: 5 / 5,**  
**Honor for the best student of the graduating class of 2002**

## INTERNATIONAL AWARDS HIGH SCHOOL AND UNIVERSITY LEVEL and HONORS

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- **Team leader of Serbian National Team for:** XXIII<sup>th</sup> International Olympiad in Informatics, Thailand, 2011; XIX<sup>th</sup> Balkan Olympiad in Informatics, Romania, 2011; XVII<sup>th</sup> Balkan Olympiad in Informatics, Bulgaria, 2009; XVI<sup>th</sup> Central European Olympiad in Informatics, Romania, 2009
- **Author of the problems on international competitions:** XIX<sup>th</sup> Balkan Olympiad in Informatics, Romania, 2011; Microsoft Bubble Cup, Belgrade, 2010 – 2011;
- Second place – Microsoft Bubble Cup competition, Belgrade, 2008
- **Bronze medal - XVIII International Olympiad in Informatics, Mérida, Yucatán, 2006**
- **Bronze medal – XIV Balkan Olympiad in Informatics, Nicosia, Cyprus, 2006**
- Participation on finals of IV International 24-hour competition in programming Challenge24, Budapest, Hungary, 2006.
- Reward for winner of *International Tournament of Towns*, Niš, Serbia, 2004

## WORKING EXPERIENCE

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- **Software developer for NodeXL project, SharePoint Spigot for NodeXL, Microsoft Research Cambridge, Belgrade, Fall 2010**
- **Intern software design engineer, Microsoft Math team, Microsoft Development Center Serbia, Belgrade, Summer 2010**
- Writer for the scientific column of the biggest Internet news portal B92.net
- **Member of editorial board of Tangenta, 2010 - now**
- **Software developer, Artificial Intelligence team, Accordia LLC, Niš, February 2008 – September 2009**
- **Member of the Serbian committee for competitions in Informatics, 2007 – now**
- Administrator of website of Mathematical Society of Serbia
- Lecturer at preparations of Serbian team for International Olympiads in Informatics , 2007 – now
- **Teaching Assistant and lecturer at Petnica Science Center, Valjevo, Serbia, 2005 – now**
- Teaching Assistant for mathematics, informatics and physics competitions at High School “*Svetozar Marković*”, Niš, 2006 – now

## INTERNATIONAL JOURNAL PUBLICATIONS

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- Aleksandar Ilić, **Andreja Ilić**: “On the number of restricted Dyck paths”, *Filomat*, 25:3 (2011), 191-201
- Aleksandar Ilić, **Andreja Ilić**, Dragan Stevanović: “*On the Wiener index and Laplacian coefficients of graphs with given diameter or radius*”, *MATCH Commun. Math. Comput. Chem.* 63 (2010) 91-100.
- **Andreja Ilić**, Dragan Mašulović, Uroš Rajković: “*Finite Homomorphism-Homogeneous Tournaments with Loops*”, *Journal of Graph Theory*, (2008), 45 - 58

## NATIONAL JOURNAL PUBLICATIONS (in Serbian)

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- Andreja Ilić, “Introduction to dynamic programming”, *Tangenta*, 63:3 - 4 (2011)
- **Andreja Ilić**, Jovana Nikolov, Uroš Rajković: “*End-homogeneous graphs*”, *Petnica Papers*, December 2005
- Biljana Bajić, Velibor Bojković, **Andreja Ilić**, Miloš Kosanović: “*Banah-Tarski paradox*”, *Petnica Papers*, December 2004

## REFEREEING AND REVIEWING

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- Mathematical Reviews
- Applied Mathematics and Computation

## NATIONAL AWARDS

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- Bronze medal at CodingBall – Coding Challenge 08, Niš, 2008
- **Reward of Ministry of Education for essential achievement in competitions, Belgrade, 2006**
- **Annual prize of City Niš for talented students, 2002 – 2006**
- Gold medal at Serbian Olympiad in Informatics, Belgrade, 2006
- Bronze medal at Serbian Olympiad in Mathematics, Vršac, 2006
- Silver medal at Serbian Olympiad in Informatics, Belgrade, 2005
- Bronze medal at Serbian Olympiad in Physics, Kragujevac, 2005
- Gold medal at National Serbian Competition in Mathematics, Niš, 2004
- Silver medal at Serbian Olympiad in Informatics, Belgrade, 2004
- Bronze medal at National Serbian Competition in Physics, Kragujevac, 2004

## COMPUTER SKILLS

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- **Programming languages:** C#, C, C++, Prolog, Pascal, Delphi, Java
- **Other technologies:** PHP/MySQL, HTML, LaTeX, Mathematica, Microsoft Office

## LANGUAGE PROFICIENCY

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*Serbian:* Native

*English:* Fluent