

# Andrei ZAROJANU

## CONTACT INFORMATION

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BIRTH DATE: 28.03.1987 — Suceava, Romania

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## EDUCATION

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- SEPTEMBER 2011 I have started my PhD in algebra  
Faculty of Mathematics and Computer Science, University of Bucharest  
Thesis: Cohen-Macaulay rings and local cohomology  
Coordinator: prof. dr. Dorin POPESCU
- JUNE 2011 Masters Degree in Algebra  
Faculty of Mathematics and Computer Science, University of Bucharest  
Overall GPA: 9.93/10.00  
Dissertation: Stanley depth and Stanley's conjecture  
Coordinator: prof. dr. Dorin POPESCU
- JUNE 2009 Bachelor of Science degree in Mathematics  
Faculty of Mathematics and Computer Science, University of Bucharest  
Overall GPA: 9.45/10.00  
Bachelor thesis: Arithmetic of polynomial rings  
Coordinator: conf. dr. Cornel BAETICA
- JULY 2010 Bachelor of Science degree in Computer Science  
Faculty of Mathematics and Computer Science, University of Bucharest  
Overall GPA: 9.33/10.00  
Bachelor thesis: Huffman trees and forests  
Coordinator: prof. dr. Ioan TOMESCU
- JULY 2010 Bachelor of Sports Science  
Faculty of Physical Education and Sport Science, UNEFS  
Bachelor thesis: Study on the model of the game as a guard in basketball  
Coordinator: conf. dr. Alina MOANTA
- JULY 2006 I graduated from high school C.N. "STEFAN CEL MARE" Suceava,  
Mathematics and Computer Science  
Final Exam GPA: 9.65/10.00

## PUBLICATIONS:

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- Andrei Zarojanu: **Stanley Conjecture on intersection of three monomial primary ideals** Bull. Math. Soc. Sc. Math. Roumanie 55 (103), no.3, 2012,
- Dorin Popescu, Andrei Zarojanu, **Depth of some square free monomial ideals** Bull. Math. Soc. Sci. Math. Roumanie, 56(104), 2013,117-124,
- Dorin Popescu, Andrei Zarojanu, **Depth of some special monomial ideals** to appear in Bull. Math. Soc. Sci. Math. Roumanie, 56(104), 2013, arxiv:AC/1301.5171v1,

## HONORS AND AWARDS:

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- Special prize, Romanian National Olympiad of Mathematics, Sibiu 2003

- 2 participations at the Romanian National Olympiad of Mathematics
- over 30 prizes won at local and national mathematics competitions
- ECDL Certification

## LANGUAGES SPOKEN

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- English
- Romanian, native

## HOBBIES

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- Basketball
- Karting