

# Dusan Milijancevic

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## CONTACT INFORMATION

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## EDUCATION

**Massachusetts Institute of Technology (MIT)**, September 2010 - present

- Candidate for Bachelor of Science in Mathematics with Computer Science
- Minor in Economics
- GPA: 4.9/5.0

**Mathematical High School, Serbia**, September 2006 - June 2010

- GPA: 5.0/5.0
- Matriculation thesis: *Random Graphs and Probability Method* (grade 5/5)

## EXPERIENCE

- **SDE Intern at Microsoft**, May 2012 - August 2012  
IPE Next division. Conducted an independent research project in Computer Vision.
- **Telekom Serbia**, May 2011 - June 2011  
Visited different IT divisions and examined software solutions for network supervising.
- **Petnica Research Center** 2006 - present:  
Published paper *Polynomial Method and Application to Restricted Sum-sets*. In the summer of 2012 I was instructor and supervisor of student research project.
- **Grader for MIT Math department**, September 2011 - December 2011  
Grading homework problem sets in Real Analysis.
- **Tutoring students**, September 2010 - May 2012:  
Helped students with their homework assignments and exam preparation.
- **Independent Research**, March 2010 - April 2010  
Conducted a research about wealth distribution in the economy using kinetic distribution model. Gave a talk about research in the mathematical camp for high school students.
- **Instructor in Mathematical High School**, September 2008 - June 2010  
Organized extra classes for preparation for mathematical competitions.

## LEADERSHIP

- **International Youth Forum - Seliger 2011**, July 2011.  
Member of the Serbian delegation to World politics forum.
- **Founder and main organizer of free mathematical camps**, 2006 - 2011  
Founded free bi-annual mathematical camp for high school students. More than 400 students participated. Published free electronic book of 600 pages containing all given lectures. Maintained high media coverage and acquired sponsors.
- **President of class, vice-president of school parliament**, September 2008 - June 2010  
Coordinated with the school government over the main issues concerning student body.
- **Media appearance and networking**  
Appeared in many TV shows and news reports. Met with various officials in Serbia.

## AWARDS

- Google FUSE 2011 Award
- Cambridge University merit based stipend for studies in mathematics (declined offer)
- **International Mathematical Olympiad (IMO)** - 3 silver and 1 bronze medal
- Balkan Mathematical Olympiad (BMO) - 1 gold, 4 silver and 1 bronze medal
- Winner of National Mathematical Competitions in Serbia for 8 times (record number)
- Person of the 2008 year in Sabac, Serbia (at the age of 17)