

Mihailo Grbic

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Education

Mathematical High School, Belgrade **2014 - Present**

Attends the High School of Mathematics, the special school for gifted students of mathematics and natural sciences; enrolled in the Honours class of top twenty students based on their admission test results and placements at the competitions

Grade school at Mathematical High School, Belgrade **2012 - 2014**

Attended 7th and 8th grades in special grade school classes at Mathematical High School

Grade school "Josif Pancic", Belgrade **2012 - 2014**

Attended grades from 1st to 7th

Academic Awards

"Dositeja" Award **2017 and 2016**

Winner of "Dositeja Award" by Foundation for Young Talents of Republic of Serbia

Stipend of Ministry of Education, Science and Technological Development of Serbia **2017 and 2016**

Awarded a stipend by Ministry of Education, Science and Technological development of Serbia as one of the most accomplished students

Award for contribution to Mathematical High School **2017**

Special award from principal of Mathematical High School for great contribution to school by founding and leading Electronics and Computer Science Club, regularly holding lectures and mentoring Club's projects

Acknowledgement from principal of Mathematical High School **2017**

Special acknowledgement donating equipment to Electronics and Computer Science Club after winning first place and monetary award on Coder-Dojo Hackathon

Academic Accomplishments

Prizes at National Physics Contest **2017, 2016 and 2015**

Won second prize in 2015 in and third prizes in 2016 and 2017 in national-level problem solving competitions

Prizes at National Informatics Contest **2015**

Won second prize 2015 in national-level problem solving competitions

Third prize at Serbian Junior Physics Olympiad **2014**

Won third prize at national-level programming problem solving contest

Third prize at Serbian Junior Informatics Olympiad **2014**

Won third prize at national-level programming problem solving contest

Extracurricular Activities

Electronics and Computer Science Club

September 2016 – present

- Founder and head of the Electronics and Computer Science Club in Mathematical High School
- Held lectures about analog and digital electronics, signal processing and machine learning
- Worked on projects: emotion recognizer, AI for the game Othello, voice and motion controlled robot cars, laser targeting system, Club's security system
- Contacted and made two sponsorship deals with Serbian IT companies
- Organizes Club's display and presents the Club's projects at science festivals:
 - XI Science Fair in Belgrade
 - MakerFest Novi Sad Fair, Serbia
 - "Explorer's Night" in Belgrade
 - Science Fair of First Grammar School in Kragujevac, Serbia
 - MakerFest Fair in Vienna 2018 and MakerFest Fair in Prague 2018 (upcoming)
- One of the designers of Club's website (<http://pfemg.mgucenici.edu.rs/en.html>)

Petnica Science Center, Applied Physics and Electronics program

2015 – present

- Participates four seminars per year, attends advanced lecturers and workshops
- Scientific researches
 - Authored a paper "Book scanning using two parallel laser rays"
 - Authored a machine learning paper "Generative Adversarial Networks" that was presented at Petnica annual conference in November 2017.

SystemPro programming school

2012 – 2016

- Attended weekly classes in programming for talented students during 2012, 2013 and 2014
- Attended two week long SystemPro's summer camps in 2012 – 2016

Coder-Dojo robotics hackathon

November 2016

First place team at Coder-Dojo robotics hackathon with project SoilBuggy, robot that determines the quality of soil with machine learning algorithms

Serbian Robotics Competition Organization

2017

One of the organizers of First Robotics Competition for electronics clubs from different cities in Serbia

University of Belgrade's Debate Club

2016 – present

Member of the club, attends weekly lectures and debates (British parliament rules)

"Decembarac" Faculty of Law's debate competition

December 2016

Won award for best individual speaker and best team in qualification round

ICT hub entrepreneurship workshop

August 2017

Attended week long workshop considering basics of entrepreneurship

„Informatics Week“ lecture series

2014, 2015 and 2016

Qualified as one of 20 students from the school to attend series of 10 lectures on Computer Science held by high school alumni studying at University of Cambridge and University of Oxford

Sixth International Festival of Poetry and Short Stories „Mihail Babinka“

2014

Won first prize for best short story

Sports

2010 – Present

- Water polo training three times a week 2010 – 2012
- Weekly training basketball 2012 – 2014
- Nonprofessional weekly swimming training 2014 – present