

## CURRICULUM VITAE

**Dino Solar Nikolić**

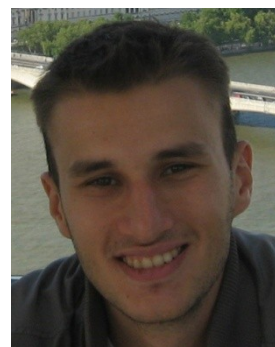
**Home address**

Danila Lekića Španca 5  
11000 Belgrade  
Serbia

**Date of birth:** 29.07.1990.

**Mobile Tel:** +381 63 408202

**Email:** solarnikolic@gmail.com



### EDUCATION

- 2013 – 2014                      University of Belgrade, School of Electrical Engineering, Department of Telecommunications and Information Technology (Duration of studies: 1 year for MSc degree – 60 ECTS) – graduated  
Achieved GPA: 10.00\*
- 2009 – 2013                      University of Belgrade, School of Electrical Engineering, Department of Telecommunications and Information Technology (Duration of studies: 4 years for BSc degree – 240 ECTS) – graduated  
Achieved GPA: 8.62\*
- 2009 – 2014                      University of Belgrade, Faculty of Physics, Theoretical and Experimental Physics study group (Duration of studies: 4 years for BSc degree – 240 ECTS) – graduated  
Achieved GPA: 9.36\*
- 2005 – 2009                      Mathematical Grammar School, Belgrade – graduated  
Achieved GPA: 5.00 in all four years (Range 2.00 to 5.00)

### COMPETITIONS AND AWARDS

2008.                              39<sup>th</sup> International Physics Olympiad in Hanoi, Vietnam  
Honorable mention
2005.                              2<sup>nd</sup> International Junior Science Olympiad in Yogyakarta, Indonesia  
Won a bronze medal.

\* Grading scale is 6 to 10, where 6 is satisfactory (pass) and 10 is excellent mark

## **PRACTICAL EXPERIENCES**

- 2012 – 2012                      Summer internship at the Department of Physics, Imperial College London. Project on computer simulations of fluorescent processes between organic molecules.
- 2005 – 2006                      Petnica Science Center, Physics Seminar. Project on Monte Carlo simulation of positron transport through gases.

## **PROFESSIONAL INTERESTS**

Information theory, cryptography, cybersecurity  
Radio communications and telecommunication networks  
Quantum physics, quantum information theory and technology, quantum cryptography  
Mathematical physics and symmetries, statistical physics

## **SKILLS**

- Computer Skills                      MATLAB, VHDL, C, C++, LaTeX, familiar with Windows and Linux environments
- Languages                              English (Proficient – TOEFL iBT in 2008. (106 points, score scale 0 - 120))
- Driving license                        B category (for cars)

## **OTHER INTERESTS AND HOBBIES**

- Dancing and traveling                      Member of Serbian folk dance group Talija Art Co. for 16 years with which performed worldwide.
- Aviation and aeronautics
- Astronomy
- Biology and biophysics
- Aikido