

Europass Curriculum Vitae

Personal information

Surname(s) / First name(s)	Krastanov, Stefan
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Nationality(-ies)	Bulgarian
Date of birth	23.10.1989

Education

2010 - current	Bachelor of Science (last year), Ecole normale supérieure de Lyon ¹ , Lyon, France
2008 - 2010	Diplôme CPGE ²³ , Lycée Louis le Grand, Paris, France
2004 - 2008	High School Diploma, High School of Mathematics and Natural Sciences “acad. N. Obreshkov”, Burgas, Bulgaria, graduated with highest honors
2005 - 2008	Summer Schools in Physics and Mathematics as a preparation for national and international competitions, Bulgaria

Work Experience

Spring 2011	I am going to write the problems for the Physics Competition of Minu Balkanski Foundation and consequently evaluate the results
2008 - current	Writing problems and small lessons on specific subjects in high school physics at Shkolata.org
July 2010	Organized and tutored a special class preparing for national and international competitions in high school physics at High School of Mathematics and Natural Sciences “acad. N. Obreshkov”, Burgas, Bulgaria, a volunteer activity
2007 - 2008	Organized and tutored a special class preparing for national competitions in high school physics (grades 8 to 11) at High School of Mathematics and Natural Sciences “acad. N. Obreshkov”, Burgas, Bulgaria, a volunteer activity for the duration of the academic year

¹The ENS Lyon is a highly selective Grande école. Entrance is granted by competitive exams. It trains researchers and teachers in the sciences and the humanities. It's also an active research center.

²The Classes Préparatoires aux Grandes Écoles (CPGE) are two very selective years acting as a prep course with the main goal of training undergraduate students for enrollment in one of the Grandes écoles. The workload is generally very high with focus on Mathematics, Physics and Chemistry.

³The Grandes écoles are higher education establishments outside the main framework of the French university system. They include science & engineering schools and the three écoles normales supérieures. Due to their competitive entrance exams, they are widely regarded as a prestigious curriculum by students, and traditionally have produced most of France's scientists and executives.

Languages

Mother tongue(s)

*Self-assessment
European level^(*)*

English

French

German

Russian

Social and Organizational skills

Tutoring

Team Competitions

Red Cross

Technical skills

Electronics

Optics

Chemistry

Spectroscopy

Computer skills

OS

Programming

Scientific - numerical

Scientific - symbolic

Scientific - visualization

Scientific - publishing

Driving license

Categories

Hobbies

Electronics

Backpacking

Bulgarian

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1 Proficient user	C1 Proficient user	B2 Independent user	B2 Independent user	B2 Independent user
B2 Independent user	B2 Independent user	B1 Independent user	B1 Independent user	B1 Independent user
A1 Basic user	A2 Basic user	A1 Basic user	A1 Basic user	A1 Basic user

^(*) *Common European Framework of Reference (CEF) level*

notions

Organizing and tutoring a special class at High School of Mathematics and Natural Sciences “acad. N. Obreshkov” for one year, volunteer activity

Organized a local team for the National Young Physicist Tournament in 2007 and participated in the national team for the International Young Physicist Tournament in 2008. Nominated for leader of the team by the supervisors.

Red Cross Youth volunteer for two years

Basic experience in analog and digital electronics, embedded programming and circuitry

Competence in geometric and wave optics experiments

Proficiency with standard lab equipment attained at Lycée Louis le Grand

Competence in standard methods attained at Lycée Louis le Grand

Linux, Unix, administration, visualization and system programming

C/C++, Python (including SciPy and SymPy), scripting, Shell, parallel programming

Matlab, Octave, R

Mathematica, Maple, Sage

ggplot2 and the standard packages in the previous software distributions

L^AT_EX and L^AX, HTML

B and M

Simple automations, RC toys and autonomous models

I love hiking and trekking

Awards and Honors

July 2008	Silver medal from the 39th International Physics Olympiad in Hanoi, Vietnam
July 2007	Bronze medal from the 38th International Physics Olympiad in Isfahan, Iran
2008	The National Diploma, an award given by the Bulgarian government annually to about 50 graduating students
2006 - 2008	Numerous first, second and third places in the biannual National Physics Competition in "Special category"(the given problems are outside the standard high school curriculum)
2008	Certificate of distinction awarded by the mayor of Burgas, Bulgaria
2008	Certificate of distinction awarded by the principal of High School of Mathematics and Natural Sciences "acad. N. Obreshkov", Burgas, Bulgaria
2006	Second place in the "Present and future of human kind" contest of the Evrika foundation in the category "Ideas for scientific and technical experiment"

Scholarships

High School Scholarships	
2007 - 2009	American Foundation for Bulgaria scholarship for two years
2007 - 2009	Evrika Foundation scholarship for two years
2007 - 2008	Ministry of Education scholarship for one year
2007 - 2008	Communitas Foundation scholarship for one year