

# Anica Kostic

## Curriculum Vitae

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DOB: 6. January 1993.

### Work Experience

Oct 2015 – Present **Teaching Assistant**, FACULTY OF MATHEMATICS, UNIVERSITY OF BELGRADE.  
Organizing and preparing TA discussions, holding office hours.

### Education

2015–2017 **MSc in Statistics, Actuarial and Financial Mathematics**, Faculty of Mathematics, University of Belgrade, GPA 9.75/10.  
2011–2015 **BSc in Statistics, Actuarial and Financial Mathematics**, Faculty of Mathematics, University of Belgrade, GPA 9.95/10.  
2007–2011 **Mathematical Grammar School, Belgrade.**  
2007–2011 **Secondary Music School Dr Vojislav Vuckovic, Belgrade.**

### Masters Thesis

Title *Kernel density estimation*  
Supervisors Dr Marko Obradovic  
Description Theory behind KDEs, bandwidth selection, and applications in symmetry testing.

### Projects

**The influence of various factors on the variety of flora in northeastern America's islands**, LINEAR STATISTICAL MODELS CLASS PROJECT.  
**Linear regression models in time series analysis**, TIME SERIES ANALYSIS CLASS PROJECT.

### Coursework

- Probability Theory	- Mathematical Statistics
- Stochastic Processes	- Stochastic Calculus
- Linear Statistical Models	- Time Series Analysis
- R Statistical Software	- Elements of Actuarial Science

### Awards and Honors

2012 **Scholarship of Ministry of Education, Science and Technological Development of the Republic of Serbia.**  
2012 **Belgrade City Council Scholarship .**  
2013–2015 **Award for special academic achievement**, Faculty of Mathematics, University of Belgrade.

### Computer Skills

Programming Languages C, C++, JAVA, MATLAB, R, SPSS

## Language Skills

English **Full professional proficiency (TOEFL iBT Score 111/120)**

Serbian **Mother tongue**

German **CEF A2.2**

## Other activities

- Classically trained musician (pianist)