
Jovana Mitrović

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EDUCATION

Department of Statistics, University of Oxford

(10/2014 - present)

PhD student. Machine Learning. Clarendon Scholar. OxWaSP Centre for Doctoral Training

- Areas of Research: Deep Learning, Kernel Methods
- Current Research Interests:
 - Establishing connections between deep neural networks and kernels
 - Building kernel-type modules for neural networks
 - Theoretical understanding of deep neural networks through kernel methods
- Supervised by Dino Sejdinović and Yee Whye Teh

Department of Mathematics, ETH Zürich

(09/2012 - 07/2014)

MSc in Applied Mathematics

- Application Areas: Image Processing and Computer Vision, Economics
- Master thesis: CSUR Decomposition for improved data analysis
- Supervised by Prof. Nicolai Meinshausen

Department of Mathematics, ETH Zürich

(09/2009 - 05/2014)

BSc in Mathematics

- Bachelor thesis: A Survey of Copulas in Machine Learning
- Supervised by Prof. Paul Embrechts and Dr. Marius Hofert

Mathematical High School, Belgrade, Serbia

(09/2005 - 06/2009)

- Matura for gifted students

WORK AND RESEARCH EXPERIENCE

University College, University of Oxford

(04/2016 - Present)

Non-stipendiary Lecturer

- Holding tutorials and revisions; correcting homework
- Subjects: Statistics and Data Analysis, Probability

Hertford College, University of Oxford

(01/2016 - Present)

Tutor

- Holding tutorials and correcting homework
- Subject: Probability, Applied Statistics

Department of Statistics, University of Oxford*(02/2016 - 03/2016)*

Class Tutor and Teaching Assistant

- Teaching exercise classes and correcting homework (12 students)
- Subject: Statistical Data Mining and Machine Learning

Department of Mathematics, ETH Zürich*(09/2013 - 05/2014)*

Teaching Assistant

- Teaching exercise classes and correcting homework (approx. 20 students per class)
- Subjects: Complex Analysis, Linear Algebra

Department of Management, Technology and Economics, ETH Zürich *(09/2012 - 08/2013)*

Research Assistant

- Revision and editing of academic papers
- Maintenance of databases and websites
- Worked at: Chair of Macroeconomics: Innovation and Policy,
Chair of Technology and Innovation Management

Department of Mathematics, ETH Zürich*(02/2011 - 06/2012)*

Teaching Assistant

- Teaching exercise classes and correcting homework (approx. 20 students per class)
- Subjects: Numerical Methods for Engineers, Complex Analysis, Numerical Mathematics II

PUBLICATIONS

Mitrovic, J., Sejdinovic, D., and Teh, Y. W. *DR-ABC: Approximate Bayesian Computation with Kernel-Based Distribution Regression*. arXiv preprint arXiv:1602.04805, 2016. (Under review by the International Conference on Machine Learning (ICML))

SOFTWARE SKILLS

Computer Languages	Python, Lua/Torch, R, Matlab
Tools	Git, LaTeX

HONORS AND AWARDS

Clarendon Fund Scholarship, University of Oxford*2014*

- Full scholarship for PhD studies
- Scholarship awarded to the top 3% of accepted graduate students

Scholarship for academic excellence, City of Belgrade, Serbia*2008***Award for academic excellence, Dositeja - Fund for Young Talents,***2008***Ministry of Youth and Sports of the Republic of Serbia****III Prize, Physics High School Competition at national level in Serbia***2007***II Prize, Physics High School Competition in the City of Belgrade, Serbia***2007***III Prize, Physics High School Competition in the City of Belgrade, Serbia***2006*

LANGUAGES

Serbian	Mother Tongue
German	Bilingual Proficiency
English	Full Professional Proficiency
Russian	Intermediate Knowledge

COMMUNITY INVOLVEMENT

Treasurer, Oxford University Russian Society	<i>(01/2015 - 03/2016)</i>
Board Member, Organization of Serbian Students Abroad - Switzerland chapter	<i>(11/2012 - 11/2013)</i>
Debater and debate coach, Debating Society, ETH Zürich	<i>(09/2011 - 07/2014)</i>