

Shpresim Sadiku

Curriculum Vitae

Institut für Mathematik, TU Berlin
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*PhD Candidate at TU Berlin/BMS
& Scientific Assistant at ZIB*

Personal Data

Place and date of birth Preshevë (Serbia), March 9, 1996
Citizenship Serbian

Education

- Sep 2020 - present Ph.D., Mathematics, *Technische Universität Berlin (TU Berlin)*, Germany.
Advisor: Prof. Dr. Sebastian Pokutta
Topic: Robust and Interpretable Continuous-Depth Neural Networks
- Oct 2017 - May 2020 M.Sc., Mathematics in Data Science, *Technische Universität München (TUM)*, Germany.
Advisor: Prof. Dr. Michael Wolf
Master's thesis (in English): *Adversarial Deformations for Neural Ordinary Differential Equations*
- Oct 2014 - July 2017 B.Sc., Mathematics, *University of Tirana*, Albania.
Advisor: Prof. Dr. Artur Baxhaku
- Sep 2010 - Jun 2014 High School Diploma, *Gymnasium Skënderbeu*, Serbia.

Work Experience

Research Positions

- Sep 2020 - present Scientific Assistant in Optimization for Deep Learning, *Zuse Institute Berlin*, Germany.
Research Group Interactive Optimization and Learning
- Sep 2019 - Mar 2020 Student Assistant in Machine Learning, *Infineon Technologies AG*, Munich, Germany.
- Nov 2018 - Jun 2019 Student Assistant in Data Analysis, *TUM, Department of Electrical and Computer Engineering*, Munich, Germany.

Internships

- Jun 2020 - Aug 2020 Artificial Intelligence in Portofolio Management, *Assenagon Asset Management*, Munich, Germany.

Teaching

Apr 2019 - Aug 2019 TA for MA3402 - Computational Statistics, *TUM, Department of Mathematics*, Munich, Germany.

Talks

Jan 2021 IOL-COGA Research Seminar (online), *TU Berlin/ZIB*, Berlin.
Neural Network Approximation Theory

Activities

Aug 2019 Machine Learning Workshop, *ERGO Group Headquarter*, Düsseldorf, Germany.

Distinctions

May 2020 Admission to Berlin Mathematical School (BMS).

Oct 2015 - Sep 2016 Merit-based scholarship, *University of Tirana*, Albania.

Mar 2011 - Mar 2014 Kosovo Mathematical Olympiad, Prishtina, Kosovo.
Three first prizes, one third prize

Feb 2011 Serbian National Mathematical Olympiad, Niš, Serbia.
Third prize

May 2009 - May 2011 Albanian Nationwide Mathematical Olympiad, Tetovo, North Macedonia.
One second prize, two third prizes

Languages

Human

Albanian Native.

English Fluent.

Serbian Intermediate.

German Basic.

Machine

Python Intermediate.

R Intermediate.

MATLAB Basic.



Berlin, January 21, 2021