

Stefan Stojanović

Date and place of birth: 17/05/1997, Leskovac, Serbia
 Nationality: Serbian
 Address: Seestrasse 54, 8810 Horgen, Switzerland
 Phone: +41 78 345 0002
 E-mail: sstojanovic@student.ethz.ch
 sstojanovic97@hotmail.com
 Personal website: <https://5tefan5tojanovic.github.io/>

EDUCATION

Sep 2020 – Present

ETH Zurich

Department of Electrical Engineering and Information Technology
 Specialization: Signal Processing and Machine Learning

GPA: 5.74 (out of 6)
 (current weighted average)

Sep 2016 – Aug 2020

School of Electrical Engineering, University of Belgrade

Department of Signals and Systems

GPA: 9.98 (out of 10)

Sep 2012 – Jul 2016

Grammar School, Leskovac, Serbia

GPA: 5.0 (out of 5)

RESEARCH EXPERIENCE

October 2021 – January 2022

Semester Project

“Guarantees for Interpolating Classifiers with Structural Bias”

Under supervision of Assistant Prof. Fanny Yang and Konstantin Donhauser (Statistical Machine Learning Group, ETH)

March 2021 – June 2021

Semester Project

“Nonidentifiability in Neural Networks”

Under supervision of Prof. Helmut Bölcskei and Dr. Erwin Riegler (Chair for Mathematical Information Science, ETH)

June 2019 – September 2019

Bachelor Thesis

“Speech recognition using Hidden Markov Models”

Under supervision of Prof. Željko Đurović (Signals and Systems Department, School of Electrical Engineering Belgrade)

June 2019 – September 2019

E3 EPFL Excellence in Engineering

“Sparse Signal Reconstruction using Variational Methods with Fractional Derivatives”

Under supervision of Prof. Michael Unser and Thomas Debarre (Biomedical Imaging Group, EPFL)

TEACHING EXPERIENCE

ETH Zurich

- *Spring 2022* – Learning, Classification and Compression
- *Autumn 2021* – Linear System Theory

School of Electrical Engineering, University of Belgrade

- *2019/2020* – Control Systems 1, Signal and Systems, Electrical Measurements
- *2017/2020* – Laboratory Exercises in Fundamentals of Electrical Engineering

EXTRACURRICULAR ACTIVITIES AND COMPETITIONS

International Olympiads

Jul 2016

Bronze medal at 48th International Chemistry Olympiad in Tbilisi, Georgia

Jul 2015

Bronze medal at 47th International Chemistry Olympiad in Baku, Azerbaijan

Serbian National High School Competitions

- **Mathematics:** 2nd award (2016), 3rd award (2015), 2nd award (2014)
- **Chemistry:** 1st place (2016), 2nd place (2015), 3rd award (2014), 2nd place (2013), 2nd place (2012)
Serbian Chemistry Olympiad: 2nd award (2016), 2nd award (2015)
- **Physics:** 2nd award (2014)

Facultative Courses: Fundamentals of Physical Electronics, Medical Imaging Methods, Microwave Engineering, System Modelling and Identification (all passed with grade 10, University of Belgrade)

Competitions: ABB Robo Challenge, 2nd place (Nov 2018, School of Electrical Engineering, University of Belgrade)

Balkan Open Competition in Software Designed Instrumentation, 4th place

(Nov 2018, Faculty of Technical Sciences, University of Novi Sad)

AWARDS

Dec 2020

Award for the best graduate student in Department of Signals and Systems

Dec 2017, 2018, 2019

Award for the best 1st - (2017), 2nd - (2018) and 3rd – (2019) year student in Department of Signals and Systems

2013 - 2020

Scholarship for exceptionally gifted students

Ministry of Education, Science and Technological Development of Serbia

2018

BAFA USA Scholarship

Scholarship for an undergraduate student funded by alumni organisation of our faculty

2016

The best student of generation at Grammar School Leskovac

2016

Acknowledgment of Serbian Academy of Sciences and Arts

2015 - 2016

Acknowledgment of Serbian Chemical Society

2012 - 2015

Dositeja award for high achievements in previous education

Fund for Young Talents of Serbia

2015

October award of city of Leskovac

Highest award of the city for accomplished results in education

2013, 2015

Saint Sava award for the best student in city of Leskovac

2013 - 2020

Scholar of the city of Leskovac

Agency for Local Economic Development of city of Leskovac

PERSONAL SKILLS and INTERESTS

Languages

- Serbian (native)
- English (fluent) [2019 – TOEFL exam (score: 111), 2016 - Cambridge CAE exam (grade: B)]
- German (intermediate) [2016 - Deutsches Sprachdiplom Stufe I - DSD I]
- Swedish (A2)

GRE exam: 170 (Quantitative Reasoning), 161 (Verbal Reasoning), 4.0 (Analytical Writing)

Software Skills: C/C++, Python, Matlab with Simulink, NI LabView, Latex, MS Office, Adobe Photoshop, RobotStudio, Microcontroller programming, TIA Portal

Interests: Learning theory, Statistics, Control theory