


Andjela Markovic, PhD

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Education

- 2016 – 2020 **PhD in Health Sciences (Neurosciences)** Graduate School for Health Sciences, University of Bern, Switzerland
- 2013 – 2015 **MSc in Biomedical Engineering (Bioimaging)** Institute for Biomedical Engineering, ETH Zurich, Switzerland
- 2010 – 2013 **BSc in Computer Science** Department of Computer Science, ETH Zurich, Switzerland (third and fourth year)
- 2008 – 2010 **BSc in Software Engineering** Faculty of Electrical Engineering, University of Belgrade, Serbia (first and second year)
- 2007 – 2013 **Piano Teaching Diploma** Swiss Academy of Music and Music Pedagogy (SAMP), Bern, Switzerland

Work Experience

- Since 2022 **Postdoctoral researcher** University Hospital of Child and Adolescent Psychiatry and Psychotherapy, University of Bern, Switzerland
- Since 2020 **Postdoctoral researcher** Baby Sleep Laboratory, University Hospital Zurich and University of Fribourg, Switzerland
- 2021 – 2022 **Clinical Research Scientist** Ava AG, Zurich, Switzerland
- 2016 – 2020 **PhD student** University Hospital of Child and Adolescent Psychiatry and Psychotherapy, University of Bern, Switzerland
- 2013 – 2022 **Piano teacher** Jugendmusikschule Winterthur und Umgebung, Winterthur, Switzerland
- 2015 – 2016 **Research assistant** Department of Neuropsychology, Institute of Psychology, University of Zurich, Switzerland
- 2014 – 2015 **Research assistant** MR-Center, University Children's Hospital Zurich, Switzerland
- 2011 – 2014 **Software engineer** ATEGRA AG, Zurich, Switzerland

Theses

- March 2020 **Sleep, Development and Psychiatry: Insights Gained from Quantitative EEG Analyses** PhD thesis supervised by Dr. Leila Tarokh, Prof. Michael Kaess and Prof. Peter Achermann, University Hospital of Child and Adolescent Psychiatry and Psychotherapy, University of Bern
- Sept 2015 **Music perception: An EEG study exploring neural correlates of music listening** Master's thesis supervised by Dr. Jürg Kühnis and Prof. Lutz Jäncke, Department of Neuropsychology, Institute of Psychology, University of Zurich
- Jan 2015 **Magnetic resonance spectroscopy (MRS) methods for measuring Glutamine in the brain** Semester project supervised by Dr. Ruth O'Gorman Tuura, MR-Center, University Children's Hospital Zurich
- May 2013 **Ambient Notes: Solutions for Lightweight Information Presentation** Bachelor's thesis supervised by Dr. Adriana Ispas and Prof. Moira Norrie, Department of Computer Science, Institute of Information Systems, ETH Zurich
- June 2013 **Improvisation im Klavierunterricht** Final thesis supervised by Magdalena Schatzmann, Swiss Academy of Music and Music Pedagogy (SAMP), Bern, Switzerland