

# Curriculum vitae

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## Personal information

Name: Andjela Markovic  
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Date of birth: 3.6.1989  
Place of birth: Uzice, Serbia



## Education

2013 – 2015 MSc in Biomedical Engineering, Bioimaging, ETH Zurich  
2010 – 2013 BSc in Computer Science, ETH Zurich  
2008 – 2010 BSc in Software Engineering, Faculty of Electrical Engineering, University of Belgrade, Serbia  
2007 – 2013 Swiss Academy of Music and Music Pedagogy (SAMP), piano, Bern

## Work experience

Since 2016 PhD student at University Hospital of Child and Adolescent Psychiatry and Psychotherapy, University of Bern  
Since 2013 Piano teacher at *Jugendmusikschule Winterthur und Umgebung*, Winterthur  
2011 - 2014 Software engineer at ATEGRA AG, Zurich  
2011 IBM Certified Associate Application Developer, IBM Certified Associate System Administrator – Lotus Notes and Domino

## Projects

2015 *Music perception: An EEG study exploring neural correlates of music listening*, Master's thesis in the group of Prof. Dr. rer. nat. Lutz Jäncke, Department of Neuropsychology, Institute of Psychology, University of Zurich  
2014 *MR Spectroscopy methods for measuring Glutamine in the brain*, Semester project under the supervision of Dr. phil. Ruth O'Gorman Tuura, MR-Center, University Children's Hospital Zurich  
2011 – 2014 *Power at Work*, web application, ATEGRA AG, Zurich  
2012 – 2013 *Ambient Notes – Solutions for Lightweight Information Presentation*, touch-enabled ambient system, Bachelor's thesis, ETH Zurich

## Programming skills

Programming languages: Pascal, C, C++, C#, Java, Adobe Flex Action Script, PHP  
Development environments: Microsoft Visual Studio, Eclipse, Dreamweaver, Adobe Flash Builder, MATLAB  
Web development: HTML, CSS, JavaScript, PHP  
Database programming: SQL, MySQL

## Publications

Markovic, Andjela; Achermann, Peter; Rusterholz, Thomas; Tarokh, Leila (2018). *Heritability of Sleep EEG Topography in Adolescence: Results from a Longitudinal Twin Study*. Scientific Reports, 8(1):7334 Nature Publishing Group. 10.1038/s41598-018-25590-7

Markovic Andjela; Kühnis Jürg; Jäncke Lutz (2017). *Task Context Influences Brain Activation during Music Listening*. Frontiers in Human Neuroscience, 11:342. 10.3389/fnhum.2017.00342