

# Andrés Pérez López

## Personal Information

Birthdate	December 14th, 1987
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## Professional Experience

04/2016 -	<b>Eurecat: Technology Centre of Catalonia</b> <i>Multimedia Research Group</i> Research & Development on Spatial Audio Technologies
04/2016 - 07/2016	<b>Pompeu Fabra University</b> <i>Pompeu Fabra Polytechnic School</i> Teacher assistance for <i>3D Audio</i> undergraduate course
10/2015 - 04/2016	<b>Voicemod</b> C/C++ Android Development for Real-Time Audio Processing
07/2014 - 10/2015	<b>Freelance Developer</b> Research, development, artistic application and public communication of works intersecting Technology and Music
09/2013 - 07/2014	<b>Pompeu Fabra University</b> <i>Pompeu Fabra Polytechnic School</i> Teacher assistance for <i>Signals and Systems</i> undergraduate course
06/2012 - 12/2012	<b>Valencia Technical University</b> <i>Institute of Telecommunications and Multimedia Applications</i> Research assistance
03/2010 - 07/2010	<b>Berlin Technical University</b> <i>Bernstein Center for Computational Neuroscience</i> Research support at <i>Neural Information Processing Group</i>

## Academic Education

- 09/2013 - 07/2014      **Pompeu Fabra University**  
Master in *Sound and Music Computing*  
*Music Technology Group*  
Development of the Master Thesis *Real-Time 3D Audio Spatialization Tools for Interactive Performance*
- 01/2012 - 06/2012      **Universidad Politécnica de Valencia**  
Postgraduate Degree in *Electronic and Electroacoustic Music, Interactivity and Video Creation*  
Final project: *Sensible*
- 09/2005 - 03/2012      **Universidad Politécnica de Valencia**  
*Telecommunications Engineer*  
*Escuela Técnica Superior de Ingenieros de Telecomunicación*  
Specialization: Electronics
- 09/2010 - 06/2011      **Technische Universität Berlin**  
*Fachgebiet Audiokommunikation*  
Academic exchange for completion of the Master Thesis *Development of a SuperCollider3 Class Library for Algorithmic Composition by Means of Cellular Automata Sonification*
- 09/2009 - 06/2010      **Technische Universität Berlin**  
Academic exchange  
Study Fields: Digital Audio Technics, Artificial Intelligence

## Awards and Acknowledgements

- 07/2015                      **ICAD 2015: International Conference on Auditory Display**  
*Winner of the Sonification Contest*  
Magnetic Spaces: spatial sonification of the earth's magnetic field
- 12/2014                      **Fabra i Coats: Art Factory**  
*Cultural Projects Seedbed Residency 2015*  
Free software tools for multimedia performance
- 11/2014                      **L'Estruch: Live Arts Creation Factory**  
*Multiphonic Projects Residency 2015*  
La Neurona Tropical: brain-controlled interactive 3D music creation
- 12/2013                      **Telenoika: Audiovisual Open Creative Community**  
*Research and Development Grants 2013*  
Listening Lights: live audio and lights synchronization

## Academic Publications

- ICAD 2015            **3Dj: a SuperCollider Framework for Real-Time Sound Spatialization**  
*On Proceedings of the 21st International Conference on Auditory Display*, pp. 166-173  
Universitaet fuer Musik und darstellende Kunst Graz  
Graz, Austria, July 2015
- TENOR 2015        **Bigram Editor: a score editor for the Bigram Notation**  
*International Conference on Technologies for Music Notation and Representation*  
Paris-Sorbone University and IRCAM  
Paris, France, May 2015
- LAC 2015            **RTML: Real-Time Machine Listening** (lightning talk)  
*Linux Audio Conference*  
Johannes Gutenberg University  
Mainz, Germany, April 2015
- LAC 2015            **3Dj: a Framework for Live Spatialization** (lightning talk)  
*Linux Audio Conference*  
Johannes Gutenberg University  
Mainz, Germany, April 2015
- Master Thesis      **Real-Time 3D Audio Spatialization Tools for Interactive Performance**  
*Master in Sound and Music Computing*  
Pompeu Fabra University  
Barcelona, Spain, July 2014