

Andrés Pérez López

Personal Information

Birthdate	December 14th, 1987
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Professional Experience

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

Academic Education

- 01/2017 - **Pompeu Fabra University**
Music Technology Group
PhD Candidate
- 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