

Emilio Molina Martínez

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Date of birth: 2/5/1985
Nationality: Spanish
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- Experience**
- | | |
|--|------------------------------|
| R&D Engineer
BMAT Licensing S.L. | January 2015 → |
| <ul style="list-style-type: none">• Data science and machine learning on a variety of projects and contexts• Development of production-ready technologies in Python, C++ and Java• Management of multiple research projects in collaboration with academic research groups | |
| Assistant Professor
Universitat Pompeu Fabra | October 2020 - December 2021 |
| <ul style="list-style-type: none">• Part-time assistant professor for subject "Audio and Video Encoding Systems" | |
| Research Academic Staff
ATIC Research Group, University of Málaga | January 2012 - January 2015 |
| <ul style="list-style-type: none">• Worked in several research projects, which led to a PhD.• Publications list at: https://emilio-molina.github.io/publications/ | |

Education **PhD in Telecommunication Engineering** Thesis Defense: July 2017
ATIC Research Group, University of Málaga

- Title: “Singing Information Processing: Techniques and Applications”
- Supervisors: Ana María Barbancho and Lorenzo J. Tardón

Sound and Music Computing Master Sept. 2010 - June 2012
Music Technology Group, Universitat Pompeu Fabra
MSc Thesis: “Automatic scoring of singing voice based on melodic similarity measures”
(Supervisors: Emilia Gómez & Isabel Barbancho)

Telecommunication Engineering Sept. 2007 - March 2012
University of Málaga

- Dissertation
“Software tool for the correction of dissonances in polyphonic music”, awarded the Finalist Ericsson National Prize on Applications for Multimedia Environments in May 2013
- Erasmus studentship at Polytech Lille (France) (Sept. 2009 - June 2011).

Technical Telecommunication Engineering Sept. 2003 - October 2007
Universidad de Málaga

- Dissertation
“Multitrack environment for audio recording in C#”, awarded the Best Project in Technical Telecommunication Engineering at University of Málaga in April 2008
- Award for the Best Academic Record in Technical Telecommunication Engineering at University of Málaga in 2007

Music education

Professional Degree of Classic Piano Sept. 2004 - June 2011
Conservatori Profesional del Liceu (Barcelona) (2010-2011)
Conservatorio Profesional de Música Manuel Carra (Málaga) (2004-2010)

Online courses **Deep Learning Nanodegree Foundation** January 2018
Udacity (www.udacity.com)
Projects: https://github.com/EliosMolina/deep_learning_nanodegree

Languages **English:** Certificate in Advanced English (CAE) (July 2013)
(University of Cambridge)
French: DELF B2 French Certificate (May 2010)
(Université de Lille)
Spanish: Mother tongue