

Abridged Curriculum Vitae

Full name:	Juan Ignacio Mendoza Garay
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Summary of skills

Professional and technical skills:

- Research.
- Scientific writing.
- Data analysis, statistics, machine learning, and signal processing.
- Teaching and mentoring at school and university levels.
- Music composition, arrangements, and orchestration in a variety of genres (e.g., classical, jazz, popular, electroacoustic) and for several purposes (e.g., film scoring, live performance, recording, sonic installation).
- Musical instruments: Computer, electric bass, functional guitar and keyboards, and elementary percussion.
- Sound recording in studio and field, multichannel sound spatialisation.
- Motion analysis, motion capture, accelerometry, video tracking, infrared marker-based optical mocap.
- Music Information Retrieval.
- Design of user interfaces, audio synthesis, networking (e.g., UDP, OSC).
- Project management.
- Fundraising and grant writing.

Experience with software programming and end-user tools:

- Python, Matlab, Octave, Pure Data, Max, SQL, HTML, Flask.
- Protocols, Digital Performer, Ableton Live, Audacity, Cubase.
- Music notation software Sibelius and Finale.
- MS Office, LaTeX and other word processing, typesetting and related software.

Higher education

Doctor of Philosophy:	2023 - University of Jyväskylä - Musicology
Master of Arts:	2014 - University of Jyväskylä - Music, Mind and Technology
Professional Certificate:	2005 - Instituto Escuela Moderna – Music Composition and Arrangements

Languages

Spanish (native), English (C2), French (A2), Finnish (A2)

Summary of work experience

Doctoral researcher – University of Jyväskylä, employment: January to June of 2023, December of 2020, January of 2018 to July of 2019, January to December of 2017. Grants and scholarships: Suomen Kulttuurirahasto (2022), Tekniikan Edistämissäätiö (2019), University of Jyväskylä (2014-2016).

Part-time teacher of Music Technology – University of Jyväskylä. January to June of 2022, October to December of 2021, January to May of 2021.

Teacher of music composition, audio technology, harmony, and music theory. Private teaching, schools and universities. 2003 to 2012.

Music composer. Produced music for film (<https://www.imdb.com/name/nm3255768/>), TV, theatre, art music and others, in different styles and for different ensembles such as orchestral, chamber, electroacoustic (acousmatic, live and mixed, multichannel), popular, big-band, folk, electronica, and others. 2003 to 2014. - Sonic installations and digital musical instruments from 2013 to date.