

Abridged Curriculum Vitae

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Degrees

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

Other education and skills

Computer programming:

- Matlab, Octave, and Python: Linear algebra, Statistics, Machine Learning, Music Information Retrieval, Motion Analysis and Signal Processing.
- Pure Data and Max/MSP: User interfaces, video tracking, motion capture; audio synthesis, recording, processing and playback; networking (e.g., UDP, OSC).

Software end-user experience:

- Protools, Digital Performer, Audacity and others for recording and processing digital audio.
- Music notation: Sibelius and Finale.
- MS Office, LaTeX and other word processing, typesetting and related software.

Other skills:

- Motion Capture: Accelerometry, video tracking, infrared marker-based optical motion capture.
- Sound recording in studio and field.
- Musical instruments: Computer, electric bass, functional guitar and keyboards, and elementary percussion.
- Music composition and instrumental arrangements in a variety of styles and media.
- Management of projects related to culture, arts, entertainment, research and education.

Languages

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

Summary of work experience

Doctoral researcher – University of Jyväskylä, employment relationship: January to June of 2023, December of 2020, January of 2018 to July of 2019, January to December of 2017.

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.