MANUEL LALLANA

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mlallanamusic.com

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EDUCATION

BACHELOR'S DEGREE IN MUSICAL COMPOSITION - CSMC (CENTRO SUPERIOR MÚSICA CREATIVA, MADRID), 2020-PRESENT

DATA SCIENCE BOOTCAMP - THE BRIDGE (MADRID), 2023

BACHELOR'S DEGREE IN COMPUTER SCIENCE FOR TWO YEARS - UPM (MADRID), 2019-2020

TOOLS

SIBELIUS, LOGIC PRO, MAXMSP, TOUCHDESIGNER PYTHON, JAVASCRIPT

LANGUAGES

SPANISH, NATIVE
ENGLISH, ADVANCED (C1 CERTIFICATE)
CATALAN, INTERMEDIATE

ABILITIES

COMPOSITION FOR CONCERT MUSIC, ELECTROACOUSTIC MUSIC AND SOUND ART

LIVE AUDIO PROCESSING AND IMMERSIVE AUDIO INSTALLATIONS

GENERATIVE AIs APPLIED TO SOUND DESIGN

FORMED AS A DATA SCIENTIST

AUDIO REACTIVE VIDEO CREATION

EXPERIENCE

MUSIC

- "Rebis", **work for ensemble of 9 instrumentalists**. Premiere at Sala Berlanga (Madrid), 2023.
- "Las partes de ti, mis seres vacíos", **work for ensemble of 6 instrumentalists synchronized with the Goya-winning short film** "Las partes de mí que te aman son seres vacíos" by Mercedes Gaspar. Premiere at Sala Berlanga (Madrid), 2023.
- "Tarot sonoro", **electroacoustic performance**. Premiere at the CSMC auditorium (Madrid), 2023.
- "Trencadís d'ocells", **acousmatic work**, Premiere at the CSMC auditorium (Madrid), 2023.
- "Sobre las llamas, un lema silencioso", **work for string quartet and narrator**. Premiere at the CSMC auditorium (Madrid), 2022.
- "Cinco Besos de Acuarela", **work for piano, saxophone and double bass**. Premiere at the CSMC auditorium (Madrid), 2021.
- **Composition for four short musical films** by the ESCAC director Adrián Pachón 2021-2023.
- **Guitar soloist in the Big Band** of the UCM (Madrid), 2019.

TECHNOLOGY

- **Data Science Bootcamp** at The Bridge (Madrid), certified with training in **Data Analysis, Machine Learning, Deep Learning and API development through Python**, 2023. The projects developed during the training were:
  - "TIMBRAL", **web application that takes advantage of the latent space of a Variational Autoencoder** (VAE) **to mix the timbre of two sounds.**
  - "DREAML", **NLP and graph systems** applied to the analysis of **patterns in dream diaries**.
  - "EDArt", **NLP and data analysis** applied to trend analysis **in contemporary art museums**.
- **Web programming** of the site **mlallanamusic.com** with the **Bootstrap y three.js** libraries, 2022.
- **Computer Science Degree for two years** in Universidad Politécnica de Madrid with training in Linear Algebra, Calculus, Java and Python programming, 2019-2020.
- **Programming of several independent videogames** in student associations at UPM, 2019

CURRENT PROJECTS

- "Dhyana", **work for orchestra to be recorded by the Bratislava Symphony Orchestra** in June 2024.
- "Interacción libre", **Bachelor's thesis on the relationship between the listener and the sound enviroment in sound installations and new concert formats** in Madrid and Barcelona (in the last five years).
- "Dimensiones por recorrer", **immersive audio installation (5.1)**.