



Montreal, QC
Citizenship: France / Canada
Remote
Europe · North America

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Audio

Acousmatic composition
Sound design · Recording
Mixing (Reaper)
Spatialization · Multichannel

Coding

Max/MSP · Gen~ · FluCoMa
OSC · MediaPipe · Git
Python · JavaScript
AI pair programming:
Claude Code · Codex · Gemma

Tools

WordPress · Elementor
Illustrator · Inkscape

Languages

French · native
English · fluent
Portuguese · basic

Certifications

CPR/AED Level C ·
Canadian Red Cross · 2026
Machine Learning for Musicians
and Artists · Goldsmiths ·
Kadenze · in progress

MIKAËL MOLLIEX

Creative Technologist & Composer

I design digital musical instruments built for accessibility, letting each performer define their own gestures according to their body and abilities, from gesture capture to the sound engine in Max/MSP. In 2026, I earned my Bachelor's in Digital Music (Université de Montréal), contributed to Google Summer of Code and presented a paper on this topic at AIMC (Berlin). I also compose immersive sonic journeys exploring texture, narrative and sonic memory.

Experience

Google Summer of Code - INCF

2026 · Remote · Contributor · music technology
Designed a gesture-to-sound mapping framework for GestureCap
(MediaPipe → OSC → Max/MSP)
Code: [Gesture capture](#) · [Wavetables](#) · [Integrated instrument](#)

AI Model Evaluation

2025 - present · Remote · Freelance contractor
Adversarial testing, fact-checking, response review and prompt writing

Sound creation & composition

2015 - present · Montreal, New York
Acousmatic and immersive works · Live: pop, gamelan, kendang
Multichannel diffusion: Ultrasons festival, UdeM (2024-2026)
Recording production (bands, artists) · Créason & UdeM studios

Centre Carbet des Associations

2012 - 2015 · French Guiana
Music, poetry and stage direction workshops · Community events

Award & Publication

Audience Prize - petites formes 2026

Acousmatic Composition Competition · TPMC / La Matrice, Paris
Balbutiements · played in Manacor, Reus, Nagoya, Taipei, Vienna, Reims

AIMC 2026 - AI Music Creativity, Berlin

Paper and talk on Drift-Map, with Étienne Abassi (McGill University)
"Personalized Gesture-to-Sound Mapping for Accessible Digital Musical Instruments"
[Paper](#) · [Video](#) · [Code](#)

Education

Bachelor's Degree in Digital Music

(equivalent to a licence in France)
2021 - 2026 · Université de Montréal · Graduated

Minor in Music Composition (harmony, counterpoint)

2024 - 2025 · Université de Montréal