1. Course overview
Generative Music AI

Acquire AI skills to be creative with music

Who's this course for?

- Technologists (developers, AI engineers, MIR researchers, music tech hackers…)

- Musicians

Pre-requisites

- Intermediate Python programming

- Basic machine learning

- Basic music theory

- Ready to learn… a lot

Course structure

1. Video lecture series

2. In-person workshop

Video lectures

- Published on The Sound of AI

- Theoretical + practical foundations of generative music

WOOHOO

FREE BEER!!!

makeameme.org

Lectures' organisation

- Part 1: Foundations

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- Part 2: Technical dive

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- Part 1: Foundations

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- Part 3: GM tools for musicians

In-person workshop
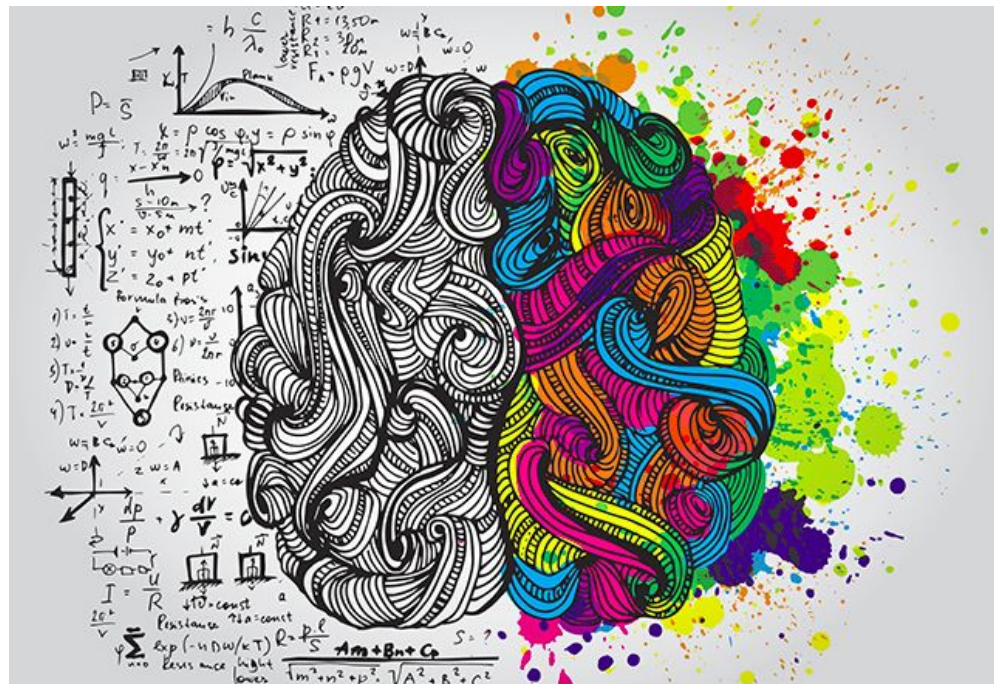
In-person workshop

- Barcelona, Spain

- 5 days (Dec 11 - 15, 2023)

- 10am - 6pm

- 20 technologists + 10 musicians

- First come, first served

- Fee: EUR 150

In-person workshop

- Won't be streamed

- Won't be recorded

In-person workshop: Goals

- Technologist + musician collaboration

- Creation of music AI pieces

- Discussion of key music AI themes

Video lectures prepare you for the workshop

Registration opens Nov 13, 2023

[Workshop website](#)

Instructors

Dr. Iran Roman

Prof. Xavier Serra

theory

+

practice

Lecture types

- Presentations

- Code walkthroughs

- Projects

- Open discussions

Learning goals: Technologists

- Outline generative music use cases

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- Review notable symbolic- and audio-based generative systems

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- Collaborate with musicians to create AI-driven music

- Discuss ethical and regulatory aspects of generative music

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Software tools

Where can I discuss course topics?

- [The Sound of AI Slack community](#)

- #generative-music-ai-course

Where do I get the learning material?

Course timeline

- Video lectures: Nov 1 - 1st week of Dec, 2023

- Workshop in Barcelona: Dec 11 - 15, 2023

Course pace

- 3-5 videos per week

- Effort: 4-6 hours / week

BRACE YOURSELF

GENERATIVE MUSIC IS COMING

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