

Mike's Generative Music Ecosystem — Repo Recap

mikes-generative-core

Core utilities and schema for all apps

harmony-library

Shared harmonic rules, scales, cadences

mrprofiles

Stylistic musician/composer profiles

riffbank

Reusable riff library (JSON + MIDI)

riffgen

Basic riff generator app

quartet-engine

String quartet generator

classical-quartet

Classical string quartet app (separate focus)

triadgen

Triad-based generator

drum-engine

Generative drum engine

fretboard-visualizer

Guitar fretboard viewer + tunings

infinite-riff-machine

Extended riff/song generator

gcc

Generative Chamber Composer (chamber ensembles)

songwriter

Generative songwriting assistant

songs sketch

Quick song structure generator

lyricgen

Generative lyric/text engine

songcraft-lab

Experimental songwriting lab