tiny-trainable-instruments

About

Tiny Trainable Instruments is a collection of media arts instruments using tiny machine learning, and based on microcontrollers.

Tiny Trainable Instruments is the master's thesis of Aarón Montoya-Moraga, a graduate student at MIT Media Lab and research assistant of the research groups Opera of the Future and Future Sketches, during the academic years 2019-2021.

The advisor of this thesis project is Tod Machover, and the thesis readers are Zach Lieberman and Mitchel Resnick.

This thesis project features contributions by UROP undergrad researchers Peter Tone and Maxwell Wang.

Structure

This repository contains the following folders and files:

- assets/:
- databases
- notebooks/: placeholder

The Arduino software library built for this thesis has its own standalone repository https://github.com/montoyamoraga/TinyTrainable.

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