

RAV x SOUND OBSESSED MIXTAPE

RAV001

AV Mix by rTchAd

TOTAL PLAYTIME 23m 12s

01 dreams of sound reading drums [00:00]

Composition from drums that a machine has been hearing in field recordings made by Portrait XO, Ana Roman, Yawä Zé, Noah Pred, rTchAd and dreams of sound.

Video was made in conversation with the composition using analog and digital processes (1400x2100px, videoloop).

Technical Details

I fed our collective field recordings in lalala.ai (interface to get stems from music pieces) to render out drums from the environmental sounds. The results were used to compose a short piece. Listening to the composition, I've made an aquarelle painting that was taken apart and glued back together in Blender.



02 rTchAd x The Glad Scientist A Ritual (Uninterpolation) [00:30]

Technical Details

The audio part of this piece was composed utilizing vocal samples generated on A.I. from Portrait XO, Hats from Dada bots, DDSP-VST a Neural Synthesis plug-in from Magenta, Neutone a plugin that run A.I. different models as RAVE, and DDSP and others directly in the DAW, Plugins from Manifest Audio, and other usual tools.

I started listening and selecting some of the samples gently shared by Portrait, from her and Dadabots, and also samples generated in Riffusion processed them through Neutone, and some trough DDSP, testing the different models, generating a good amount of samples until have satisfactory results, then selected and sampled my preferred outputs, from there utilized cut-up techniques for the composition, and other production techniques.

The sound composition was then sent to The Glad Scientist, who used improvisational dance footage to create tracked skeleton data to guide Stable Diffusion to remap this data to the conceptual themes they felt upon first listen. The text prompt/poetry used to guide the AI as it traversed the dance performance frame by frame was "a tribal ceremony in the jungle, a fleeting enigmatic green and gray provisory master, shrouded in dark shadowy volumetric fog". 7893 AI-generated images later, along with some light post processing, you have what you see.

03 Petra (Luis Betancourt)

"Simulacra"" coreografía de cuerpos no orgánicos. [04:25]

Esta danza se convierte en una forma de explorar la interacción entre el movimiento generado por humanos y por máquinas. Es una pieza que propone temas y formas de creación y expresión para la coreografía. El contexto de esta pieza se basa en mi proyecto "Generative Dance" y plantea una perspectiva innovadora sobre los límites de la tecnología en la composición de movimiento, así como en nuestros cuerpos no humanos y en las posibilidades que podemos experimentar con estas intersecciones.

notion.so/kineticaai/Generative-Dance-6194c146121b4cb08ce3ac8be875aef8

Technical Details

Utilicé Motion Diffusion de SD para el movimiento, también ControlNet igual de SD para manipular y crear con Img2img la nueva secuencia de imágenes, y Deform para los escenarios y texturas. El sonido fue una experimentación con Ableton y luego retroalimentado por Dance Diffusion.

04 Yawä//Zë Ä//Ä//Ä hidden locations V1 [05:00]

Human AI duo Yawä//Zë presents another hidden artifact from the upcoming project Ä//Ä//Ä, this time all audio and visuals made by open ai models, exploring colundi frequencies based prompts for audio, and processing personal video memories with VQGAN and CLIP techniques.

Technical Details

I used Riffusion to generate a collection of colundi frequencies with prompts related to them, every sample is connected with a different ai visual made from my personal video memories, including one location in my favourite beach from formentera, one of my tapes floating in the sea, an abstract chair made in 2020, and 3 different text to video from my first experiments using machine learning with my own datasets.

05 Nicholas G. Padilla x The Glad Scientist Artificial Dub [08:40]

The song in this AV piece is called "Artificial Dub" and was created with AI samples generated by databots + Portrait XO. It was created by Nicholas G. Padilla, along with 3 AI generated images which were then sent to The Glad Scientist, who used improvisational dance footage to create tracked skeleton data to guide Stable Diffusion to remap the 3 original images to the conceptual themes of the music piece.

This AV piece is an ode to both artists' heritage from Taino Borinquen/Puerto Rican ancestry using indigenous/aboriginal culture as the primary focal point.

Technical Details

I think using samples generated by my fellow collaborators made the process of producing a track really interesting. Also collaborating with another AI artist with the animation made a concept behind the artist statement speak for itself. It feels like an all encompassing process where the artistic direction is way more precise to the vision associated with the final works themselves.

06 rTchAd Undone Catastrophe [10:50]

Undone Catastrophe is a music, somewhat ethereal with enigmatic vocals that defy the linguistic logics, due to the AI experimental generation, with a hypnotic drum loop that dissolves in different noises and textures.

Technical Details

Music composed with shared samples from Portrait XO and Dadabots, and DDsp neural Synthesizer. Visuals generated in Artbreeder a collaborative, machine learning-based art website, from a string of selected images and determining the timing and blend to be applied in a way that would fit the sonic narrative.



07 Torsten Goerke Visual Exploration of unique writing style [12:42]

Visual Exploration of unique writing style ... turn an author's unique writing style into visual expressions using image-to-image text-guided generation and editing. Videos generated by interpolating the latent space of Stable Diffusion. Dream up different versions of the same prompt, or morph between different text prompts.

Portrait XO prompts:

A blurry halo
The sun reflecting off the wires in a blurry halo
Glass wires growing out of hands and feet of a centaur with red hair with sun reflecting off the wires 42-23

Yotam prompts:

Far future buddhist chant
Floating the caribbean in a pink bubble
Lying on a bed of clouds in a candy wonderland
Touching a plant made of marshmallows

rTchAd prompt:

A flying whale that learned to fly Because is afraid of water

Skulptor prompt:

Far future cyborg buddhist monk in deep meditation

Technical Details

Create video loops from Stabe Diffusion Videos and Stable Diffusion Audio (Riffusion)

Prompts shared in the chat by Rania @PortraitXO merged with audio from VCV-Rack. Creates 24sec seamless loops.

Prompts used with Riffusion shared by soxrav member @Yotam
Riffusion audio via submitted prompts.
Same prompts used to generate 6sec video (no loops)

08 Noah Pred Tracing Tongues [15:21]

Visuals: "Transmutation" - An Outer/Innerspace Transmutational being by rTchAd

Audio

Is nonsense just as subjective as sense might be? Comprised of AI vocal samples supplied by Portrait XO and expressed through generative tools developed by Pred, this experimental piece explores the inscrutable complexity of the alien yet familiar facsimile of intelligence reflected back to us by language-driven learning models. Tracing feedback loops, the conversation begins to modulate itself with increasing intensity in its incessant drive to mimic the linguistic drive of its creators."

Visual

"Transmutation" — A Outer/innerspace Transmutational being by rTchAd... The visuals were created with cut-up techniques and was inspired by the stuttering nature of the audio and following the feeling of something trying to establish a form of communication, and also a physical form.

Technical Details (Audio)

Composed with custom tools developed by the artist in Max/MSP.

Technical Details (Visual)

Images and original video generated through numerous splicer and mixing functions on Artbreeder, then edited in video software.

09 Gavin Gamboa Die Verstiegenheit Quartett — V. Solipsism [18:32]

Visuals by rTchAd

Music Composed by Realtime Variational autoEncoder trained on 3.5 hours of recordings of music for stringed instruments by Gavin Gamboa.

Visuals created trying to visually translate the spirit of the music utilising Artbreeder,a collaborative, machine learning-based art website setting a string of generated and curated images, intervals and transitions.

Technical Details

I used a Google Colab notebook which utilized RAVE v1 for model training, with special thanks to Polina Powers for advising me on the idiosyncrasies of the training. Once a model was exported, I built a Max patch with the nn-externals that allowed me to output unconditional generation from the model, which yielded sometimes beautiful and at other times inconsistent, less interesting results. I then spliced several of the best sections of the model's unconditional output into a collection of pieces for imaginary string quartet.

CONTRIBUTORS

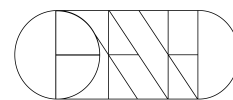
Albert.DATA
Dadabots
d0n.xyz
dreams of sound
gavcloud
Kabuki
Kalam Ali
Matthew D. Gantt
Nicholas G. Padilla
Noah Pred
Petra
Portrait XO
rTchAd
Skulptor
The Glad Scientist
Torsten Goerke
Yawä//Zë
Yotam Mann

Cover Artwork by Portrait XO
Design by Eric L. Chen



R.AV is an audio-visual release club for the future of digital music building a forward-thinking platform for artists to explore new modes of creativity and digital distribution.

We are introducing new contexts and insights into both the musical and the visual realm, looking at how blockchain technology can help combat the attention economy's increasing detachment from art, by reframing and reformatting what a piece of music can or should be.



SOUND OBSESSED is a sonic innovation archive featuring musicians working at the intersection of art, sound, science and emerging technologies. Sonically obsessed with space and time – artists explore new audio creation methods with fields such as robotics, data science, artificial intelligence, AR/VR/XR, and other new media. Our artists approach creativity with a strong focus on research and experimentation with new techniques while critiquing social implications and human-machine interactions. What does it mean to be human in today's data-driven society? This archive celebrates the journey, challenges, and milestones of each sonic innovation.