



aid but our brains give us the ability to think and feel. Are there aids that exist yet for that? Because think and feel we do. All day and night. Sometimes more feeling. Sometimes more thinking. Sometimes less. Lol. Isn't this what makes us who we are, more or less? How we do this?

Our brains give us the ability to make choices. To be creative. To Learn. Grow. Expand. Connect. Wow, did I just have coffee? My brain feels excited just to take a moment to imagine all the wonderful and exciting things it can do! Take a moment to imagine all the wonderful and exciting things your brain can do. Let your brain do all the work. It will be happy to. Breathe. Smile. Feel. Ah. Brains.

Luckily, eventually, night comes. Sleep. Time to turn off. Power down. Rest. A reset to zero. We all know we can't go on forever without it. Have you tried? It can be fun at times. But not recommended on the regular. Our sacks, our selves, have limits. Some limits can be good, or so we may eventually learn.

If all of this wasn't enough, stars! We are made of the stuff of stars! We really are fascinating sacks, aren't we? Let's have another sack hug before we go.

So all this to say, whatever we do with ourselves, whether feeding our brains with new knowledge or just living, breathing, thinking, feeling, and surviving—let us always find time to appreciate the utterly magical sack—that Is us.

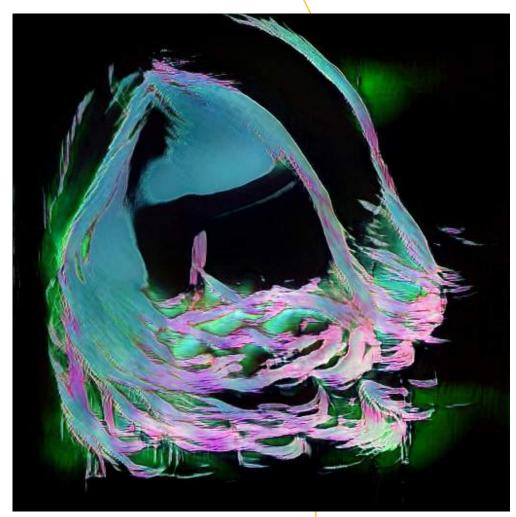
Rinse. Repeat. Good morning! Sweet dreams!

Warmly, Rachel Uwa

Creative Director, School of Machines, Making & Make-Believe

Con	itents	
Ref	lexiones a través de las	máquinas5
Algo	orithmic Poetry	16
Visu	ual Methodologies for Cl	imate Futures21
Vide	eodrones	27
Cole	or and Accessibility	32
Upo	oming	36



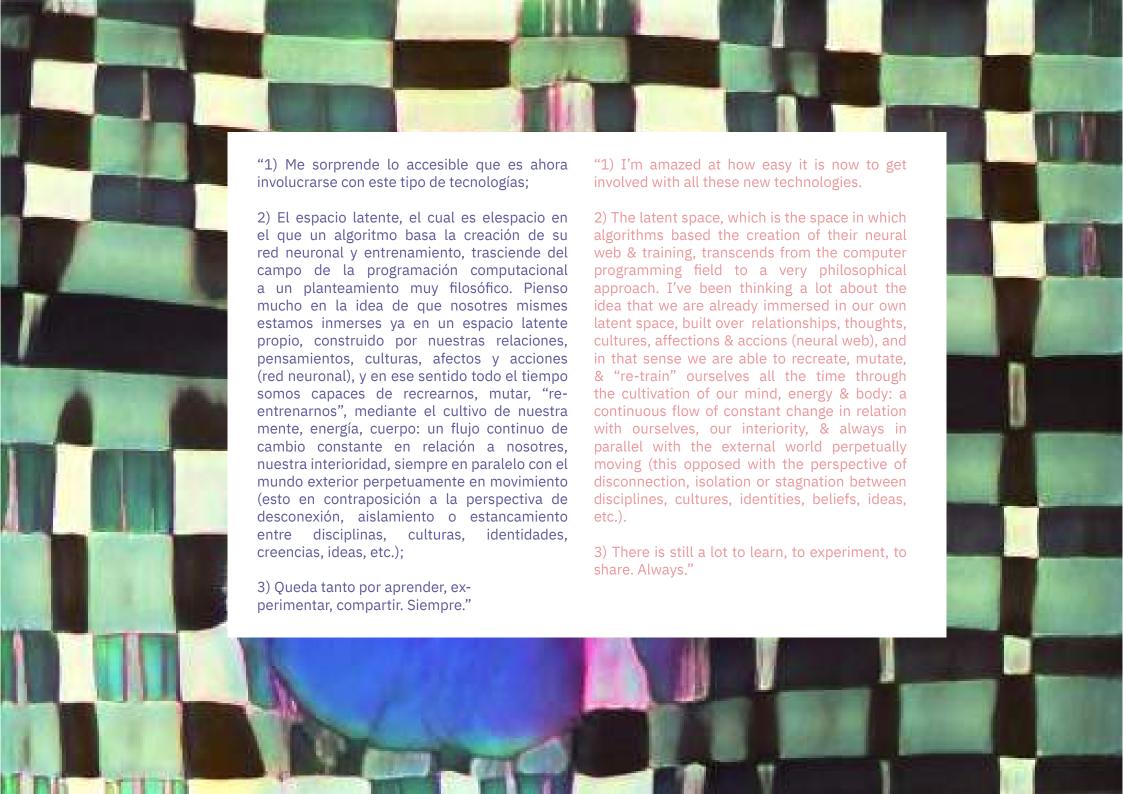






Samuel Martínez Andrade

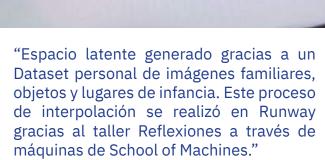
@sammtza___



Catalina Alareon

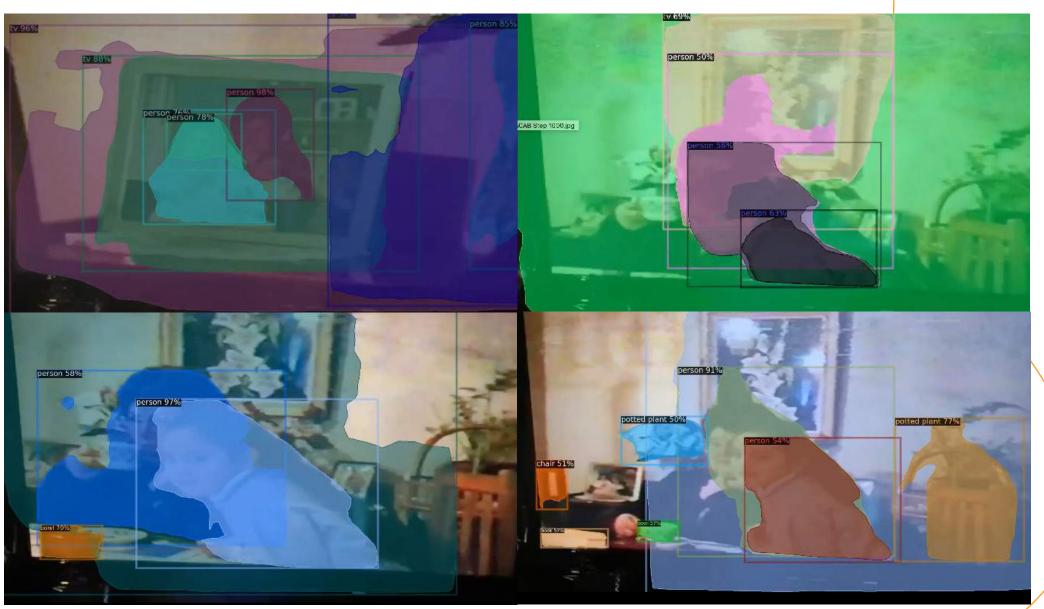
@catalarconr





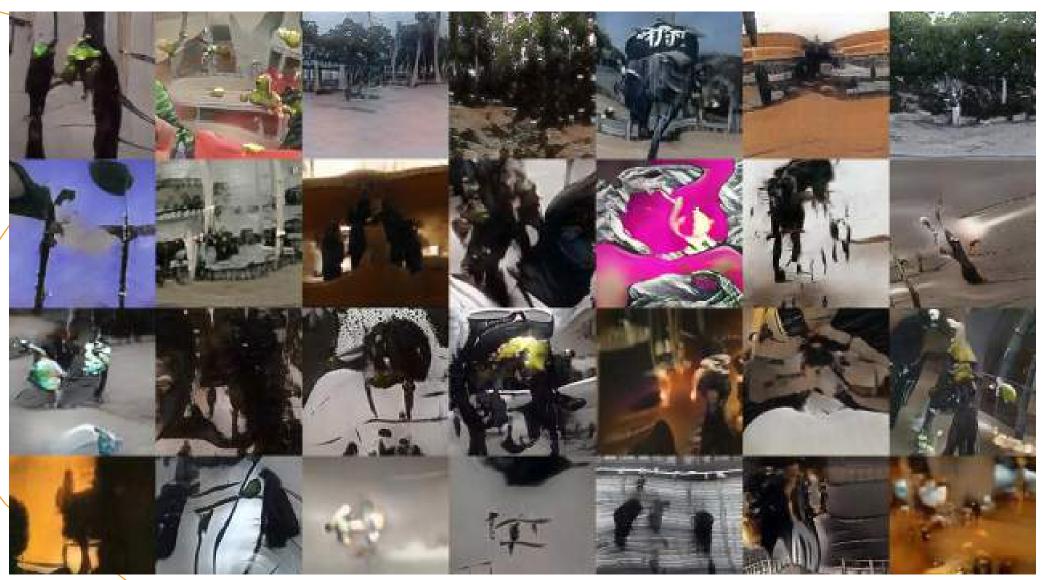
"Latent space generated thanks to a personal Dataset of family images, objects and childhood places. This interpolation process was carried out in Runway thanks to the workshop Reflections through machines by School of Machines."

Watch the full video <u>here</u>.



Screenshots taken from video which you can watch here.

Simón Jarmillo Vallejo



3000 pasos de la parte de Resistencia

Interview with intructors Moises Sanabria and Fabiola Larios

1. Acabas de dar tu primera clase con nosotros. ¿Puede hablarnos de ella, de qué trató, cómo fue? ¿Le sorprendió algo?

So you just ran your first class with us! Can you tell us about it. what was it about, how did it go? Did anything surprise you?

F: "Reflexiones Con Maguinas" es nuestro primer curso centrado en la enseñanza de RunwavML para capacitar a los estudiantes a perseguir su interés creativo con el vocabulario y las herramientas de la inteligencia artificial. Tuvimos una gran primera clase en la que todos los estudiantes crearon su propio modelo de aprendizaje automático personalizado.

F: "Reflexiones Con Maguinas" (Reflections with Machines) is our first course focused on teaching RunwayML to empower students to pursue their creative interest with the vocabulary and tools of artificial intelligence. We had a great first class where all students created their own custom machine learning model.

estudiantes al curso. v provectos emocionantes. La participación activa de los estudiantes y sus variados intereses se refirieron a cómo la Inteligencia Artificial se aplica al cine experimental, a las bellas artes y al diseño. Además, impartir nuestro primer curso en español fue una forma estupenda de relacionarnos con los hispanohablantes y debatir cómo afecta la IA a las culturas hispanohablantes.

M: Nos encantó cómo reaccionaron M: We loved how the students reacted to the course, and their finales fueron final projects were exciting. The active participation from students and their varied interests touched on how AI applies to experimental film, fine art, and design. In addition, teaching our first course in Spanish was a great way to engage with Spanish speakers and discuss how AI affects Spanishspeaking cultures.

La clase no trataba sólo de la tecnología, sino que también pensaba en cómo humanizar la sociedad a través de la inteligencia artificial. Entonces, ¿por qué es importante dar este tipo kinds of classes (also) de clases (también) en español?

F: La mavoría de nuestros estudiantes F: Most of our students are from son de México y viven en un contexto Mexico, living in a context where en el que la tecnología es sólo para tech is only for a few people. We unos pocos. Permitimos a nuestros allowed our students to experience estudiantes experimentar el Machine Machine Learning without learning to Learning sin aprender a codificar code using visual tools and intuitive utilizando herramientas visuales y lectures to learn at their own pace. clases intuitivas para aprender a su ritmo.

enseñables sean accesibles para speaking creators with machine las culturas latinoamericanas es learning tools enable students to esencial. Equipar a los creadores de express their profession and heritage habla hispana con herramientas de to an Al community that wants to aprendizaje automático permite a los see their perspectives. In addition, estudiantes expresar su profesión y su by creating more opportunities for herencia a una comunidad de ai que Spanish speakers, the creative ml auiere ver sus perspectivas. Además, community expands to new places al crear más oportunidades para los and makes for a refreshing topic to hispanohablantes, la comunidad de newcomers. creativos de ml se expande a nuevos lugares y se convierte en un tema refrescante para los recién llegados.

The class was not just about technology but also thinking about how to humanize society through artificial intelligence. So why is it important to hold these in Spanish?

M: Making teachable Al resources accessible for Latin American cultures M: Hacer que los recursos de IA is essential. Equipping SpanishM: La creación de NFT fue una emocionante idea extracurricular. La acuñación de fichas no fungibles surgió como tema de conversación en un momento en el que la comunidad de NFT está floreciendo. La clase fue un gran recipiente para apoyar a los estudiantes interesados en acuñar su creación de IA.

F: Uno de los estudiantes preguntó sobre nuestra acuñación en diferentes plataformas, y teníamos otro estudiante acuñando activamente, así que iniciamos una conversación después de la clase sobre los NFT. Su plataforma favorita y conocer otras tendencias a conversation after class about tecnológicas junto al aprendizaje NFTs, their favorite platforms and automático creativo.

I noticed some people from your class creating NFTs on Hic et Nunc. Was that built into the course. or how did that come about?

M: Creating NFT's was an exciting extra-curricular idea. Mintina nonfungible-tokens came about as a conversation topic during a time where the NFT community is burgeoning. The class was a great vessel to support students interested in minting their Al creations.

F: One of the students asked about our minting in different platforms, and we had another student actively minting, so we started become acquainted with other technological trends alongside creative machine learning.

Es un tema controvertido. ¿Cuáles topic. What do you considera que son los see are the benefits beneficios de este tipo of these kinds of de plataformas para los artistas y la gente and people from Latin de las culturas latinas cultures in particular? en particular?

It's a controversial platforms for artists

F: Los creativos tienen un nuevo F: Creative people have a new momento para vivir de su arte, moment to live from their art, donde están más empoderados where they are more empowered parafijarsus propios precios y tienen to set their own prices and have más equidad y comunidad sobre more equity and community about el futuro de las NFT y la adopción the future of NFTs and the cultural cultural de las criptotransacciones. adoption of crypto transactions. Los artistas subastan su obra sin Artists auction their work without la representación de las galerías y gallery representation and define definen por sí mismos su relación for themselves their relation to con el mercado de las NFT y los the NFT market and potential potenciales coleccionistas.

collectors.

latinas para encontrar nuevos practice. medios de apoyo a su práctica artística.

M: Los beneficios de las plataformas M: The benefits of NFT platforms de NFT son especulativos, pero are speculative but worth pursuing merece la pena perseguirlos due to their cultural impact por su impacto cultural y su and economic mission. The misión económica. Los ingresos supplementary income from NFTs suplementarios de las NFT, si se if managed correctly can benefit gestionan correctamente, pueden creative Latin cultures to find new beneficiar a las culturas creativas means of supporting their artistic

También tenemos previsto impartir esta clase en inglés este otoño. ¿Qué puede esperar la gente?

We are also planning to run this class in English this fall. What can people expect?

M: Esperar que el material del curso M: Expect up-to-date course material esté actualizado para aterrizar los aspectos técnicos y críticos del proceso de aprendizaje automático creativo. El curso será una quía práctica para que los principiantes se sumerjan en la inteligencia artificial desde la óptica de las humanidades digitales.

F: Este otoño, ofreceremos más herramientas para crear arte de aprendizaje automático y nuevos modelos para aprender a utilizar sus conjuntos de datos personalizados. Nuestro objetivo es enseñar y ampliar Al aesthetic. la comprensión de dónde la visión por ordenador y las técnicas de generación de imágenes definen una nueva estética ai.

to ground the technical and critical aspects of the creative machine learning process. The course will be a hands-on guide for beginners to dive into artificial intelligence from digital humanities lens.

F: This fall, we will offer more tools to create Machine Learning art and new models to learn how to use your custom datasets. Our goal is to teach and expand the understanding of where computer vision and image generation techniques define a new





Diego Ortega

@apxcalyps0

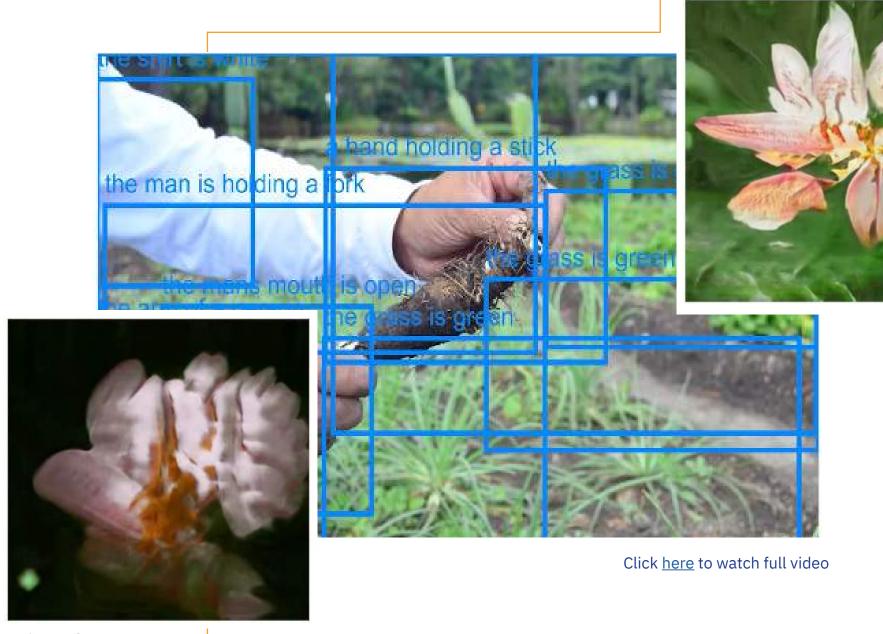
Made using densecap, attnGAN, styleGAN, YOLOv3.





Input dataset

sl.renA.



sl.renA.







• Apnoloni

Caleapab

Niyeab

> Try it here.

Yešou

Kit Kuksenok @xn_ze_ro

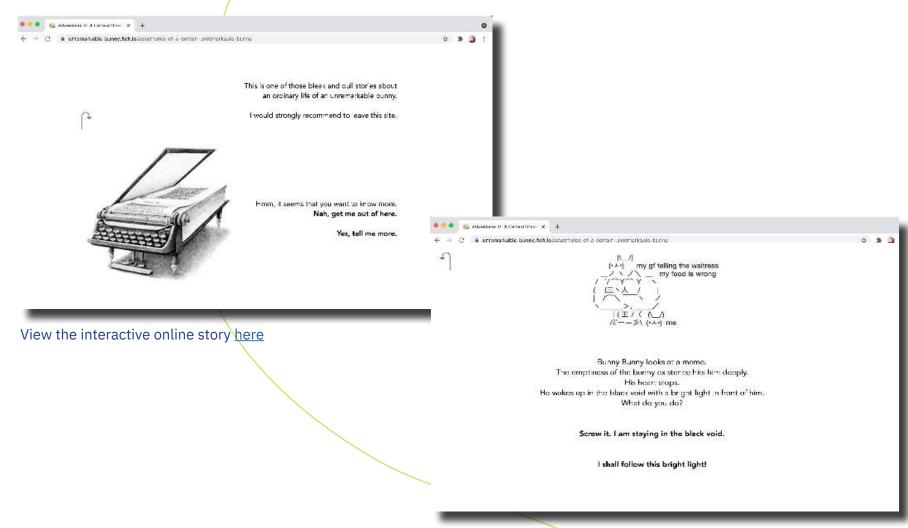
Experiments on a generative pidgin.

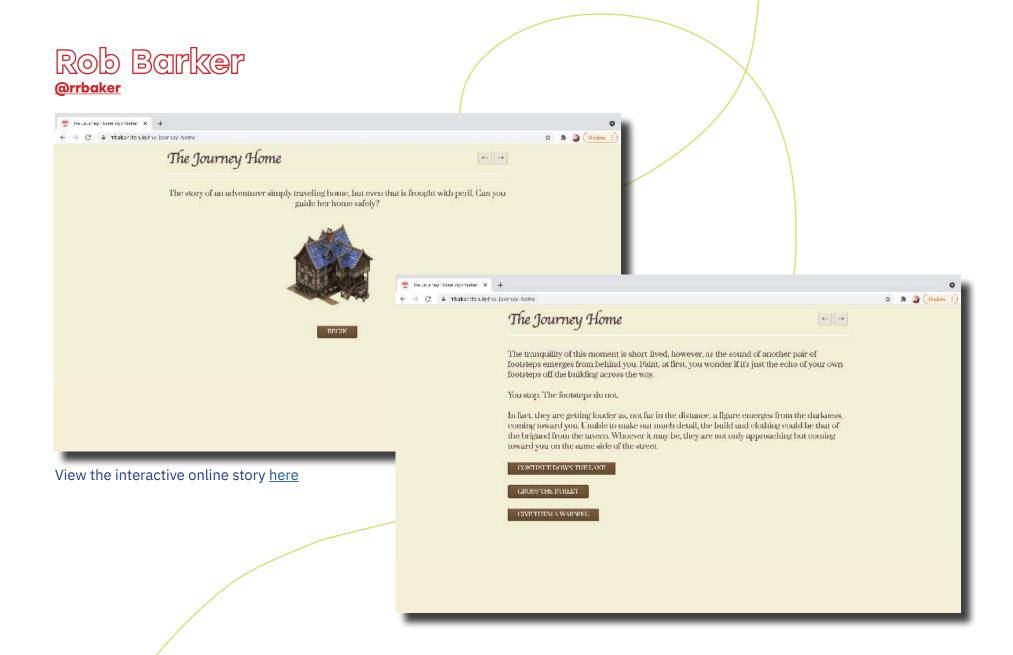
A handmade fantasy map by > Kit Kuksenok (for D&D) that relied on "Pidgen 1.0" for place (And character) names



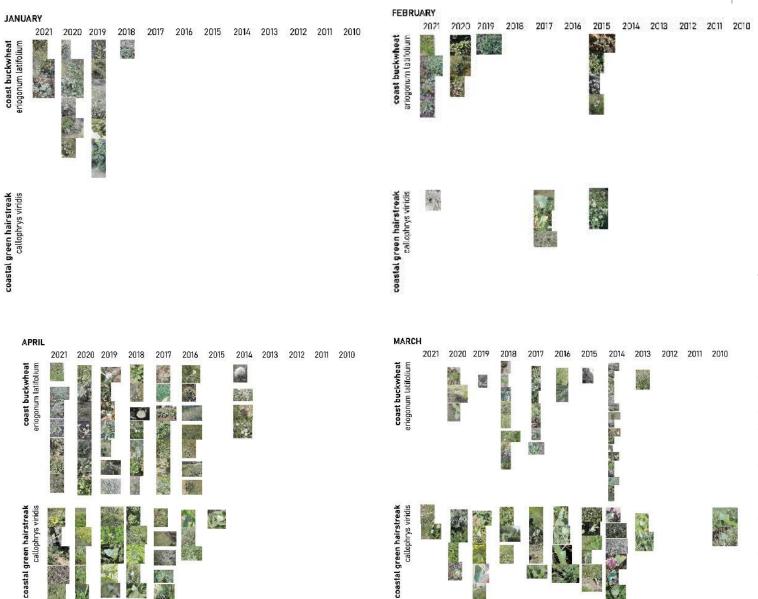
Dorota Grajewska

@dorota.grajewska









Alexandra Harker

"I scraped data from iNaturalist to look at how seasonal changes for the Coastal Buckwheat changed from month to month from year to year, to see if there were any visible impacts in seasonal shifts due to climate change. I tracked that plant in particular because it is the host plant for the Green Hairstreak butterfly, which is a threatened species. I also tracked photos of the Green Hairstreak from month to month from year to year. I wasn't able to notice any significant shifts in the last decade, but think that it would be interesting to track over a longer timespan."



Edyta Bogueka

edytabogucka.de

"Slavic paganism traditionally refers to the beliefs and rites of Slavic tribes existing in Central Europe before the Christianisation. Currently there is a growing number of initiatives to restore pagan culture in various modern forms, such as wicca, druidry or goddess movement.

What are the visual representations of modern slavic pagans and how do they (not) relate to the main contemporary concerns?

The grid shows images scraped from Instagram. Artifacts, people and nature are clustered based on their visual similarity. The most dominant hues are browns and reds - colors of Earth, wood, fire, blood and traditional fabric patterns."

Click <u>here</u> to read more and view the interactive map.



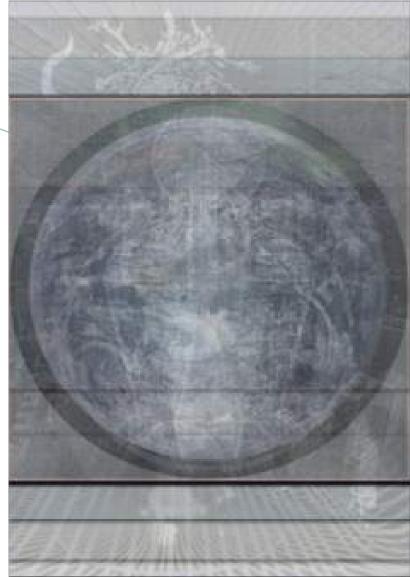
Dorota Grajewska

@dorota.grajewska



"The images used for the work were scrapped from different Social Media accounts (mainly Pinterest) with the tag of Anthropocene. I used both techniques taught in the class - auto-blending layers in Photoshop and the opacity change to get resulting collages."

















Allison Tanenhaus

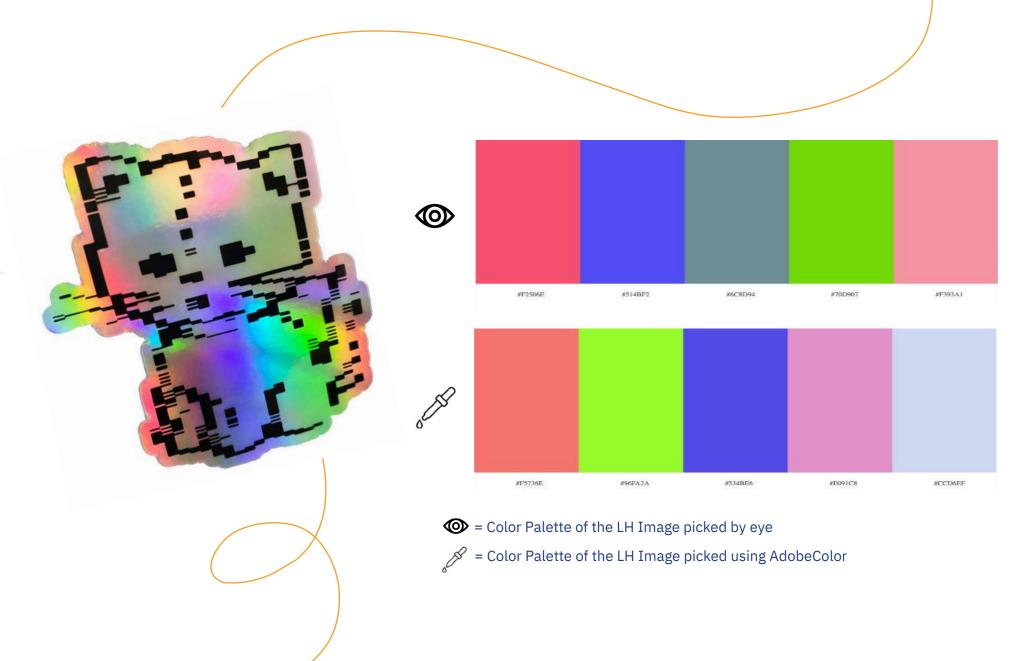
<u>@atanenhaus</u>





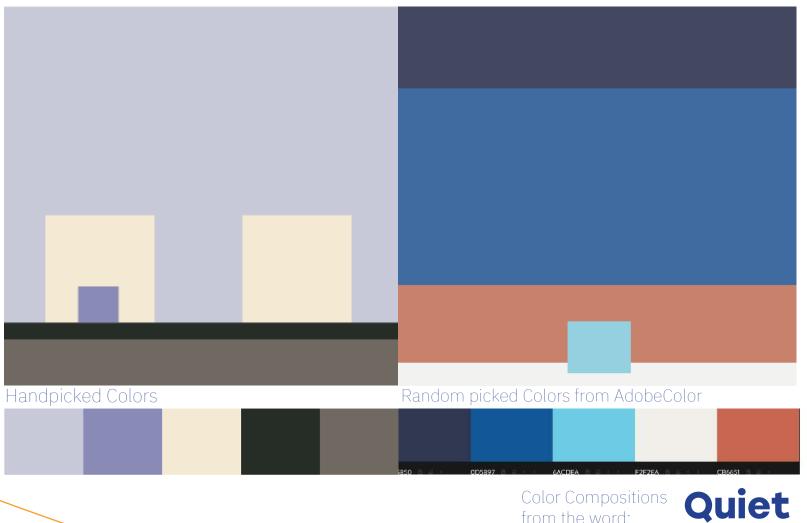
Color Compositions from the word:

Woozy



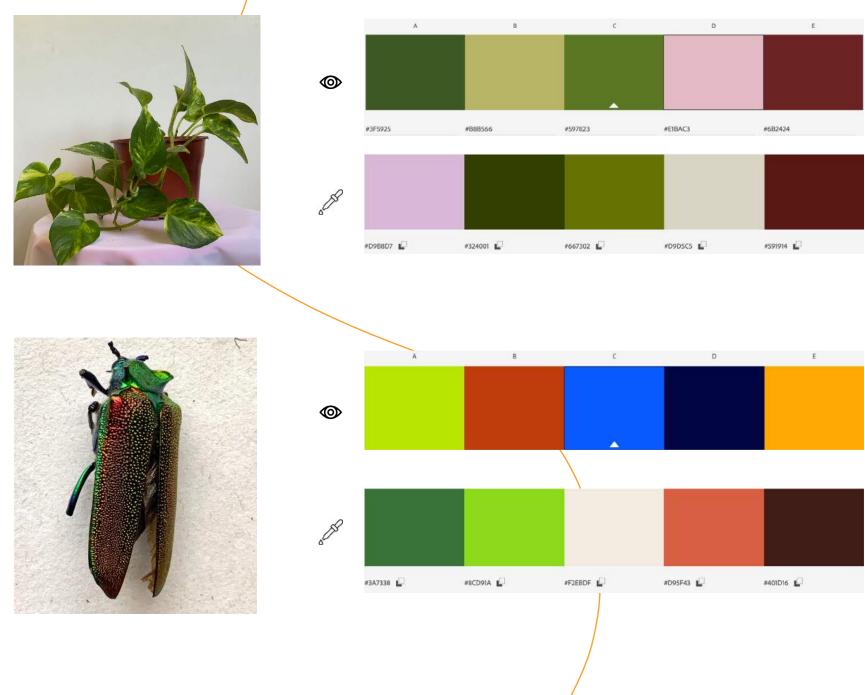
Camila Vilches

@cbvilches



from the word:









This autumn for the first time we are hosting two online hardware classes! All the electronics and materials you need will be delievered straight to your door for our 5 week online, hands-on sessions.

Book early!

Dates tho

September elasses



soft tissue

Squishy Thinking + States Of Sensitive Being + Care-full-ness. 15. sept - 14. oct **Every Thursday, 8-10pm CET** click for more info



If we ruled the world II

Visualizing futures in 3D 22. sept - 27. oct **Every Wednesday, 8-10 CET** click for more info



reflections with machines

Implications for future humans with RunwayML 23. sept - 28. oct **Every Thursday, 8-10 ET**

click for more info



the exquisite machine co-creating speculative artifical and audiovisual entities 20. sept - 18. oct **Every Monday, 8-10 CET** click for more info

October classes

dates tbc



Critical interface design
Critically deconstructing the
user interface



negotiated agency
Internet of Things, Voice
Interfaces & Machine Learning.



coded biophilia
Exploring soft wearables and biological textiles



gynepunkLAB as medical performativit Transhackfeminist health tools for self-defense and healing justice



naturaleza tecnológica y entornos interactivos

Explorando el desarrollo de instalaciones interactivas que integren la naturaleza a la era digital.

november classes

dates tbc



magnetic fields
Exploring electromagnets and coils



points, lines and systems creating generative art with code

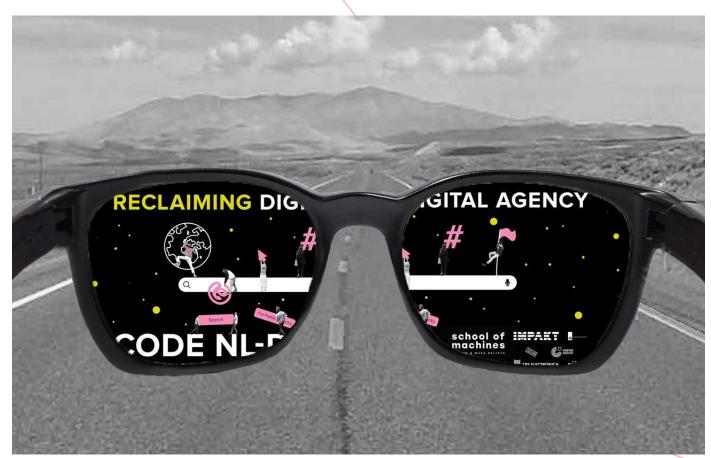


data pseudomorphs
Data practices in physical 3D
space



aesthethics of interconnectedness
How to collaborate with fellow Earthlings

nomething else to look forwards to...



The the date: Friday 10th september

Keep up to date!

