



# Nina Mesías

Interdisciplinary Artist

I am a Mechatronic Engineer  
and a performing artist,  
passionate about creation in  
both worlds and their  
powerful points of  
convergence.

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# Theater Creation Scholarship

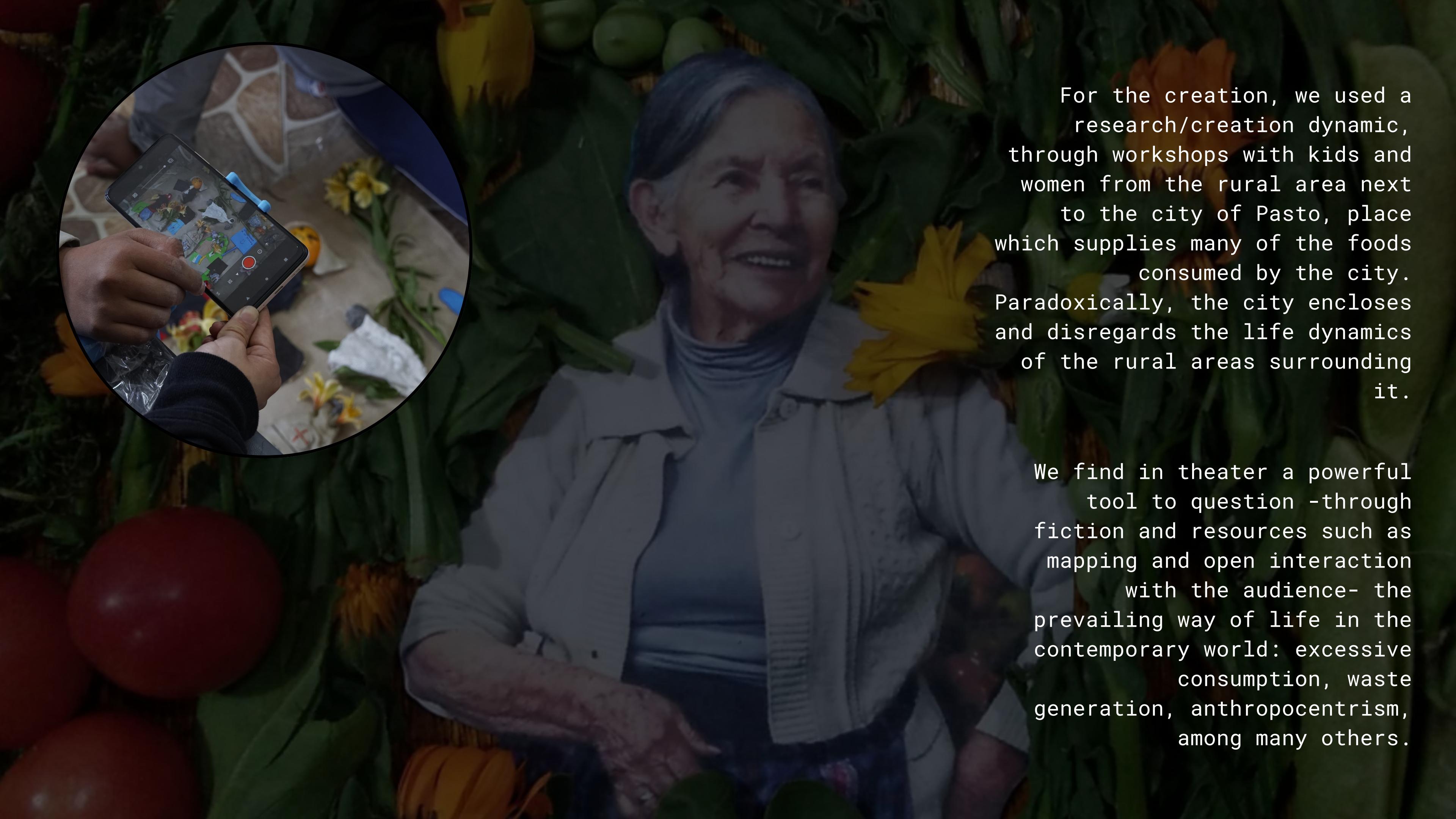
AUGUST - NOVEMBER 2023

As part of the Nina Songo theater group, we were winners of the creation grant for emerging groups in performing arts, an incentive granted by the Department of Culture of Nariño - Colombia.

"SURcando el tiempo"<sup>1</sup> It is an immersive story that takes place in the year 3050. A visit to its museum reveals artifacts collected on the ancient planet Earth. The objects dating back to the year 2050—the time of the great drought—are gradually unveiled by museum guides who share the results of their research and speculate about life in that (our) era. The technology of these future beings—"homo sapiens sapiens sentiens"—allow them to access ancient memories and convey to the public the feelings and experiences of two beings who lived in our present.

1. Literal meaning Crossing time, but with a pun about The South were the play was born





For the creation, we used a research/creation dynamic, through workshops with kids and women from the rural area next to the city of Pasto, place which supplies many of the foods consumed by the city. Paradoxically, the city encloses and disregards the life dynamics of the rural areas surrounding it.

We find in theater a powerful tool to question -through fiction and resources such as mapping and open interaction with the audience- the prevailing way of life in the contemporary world: excessive consumption, waste generation, anthropocentrism, among many others.



Curious about exploring with technological resources, we incorporated the use of the Makey makey board (to trigger a sound through contact with the skin) and projections that are mapped onto the stage space, creating an aesthetic that engages with the futuristic language of the play.



# Functional Prototyping

MARCH - JUNE 2022

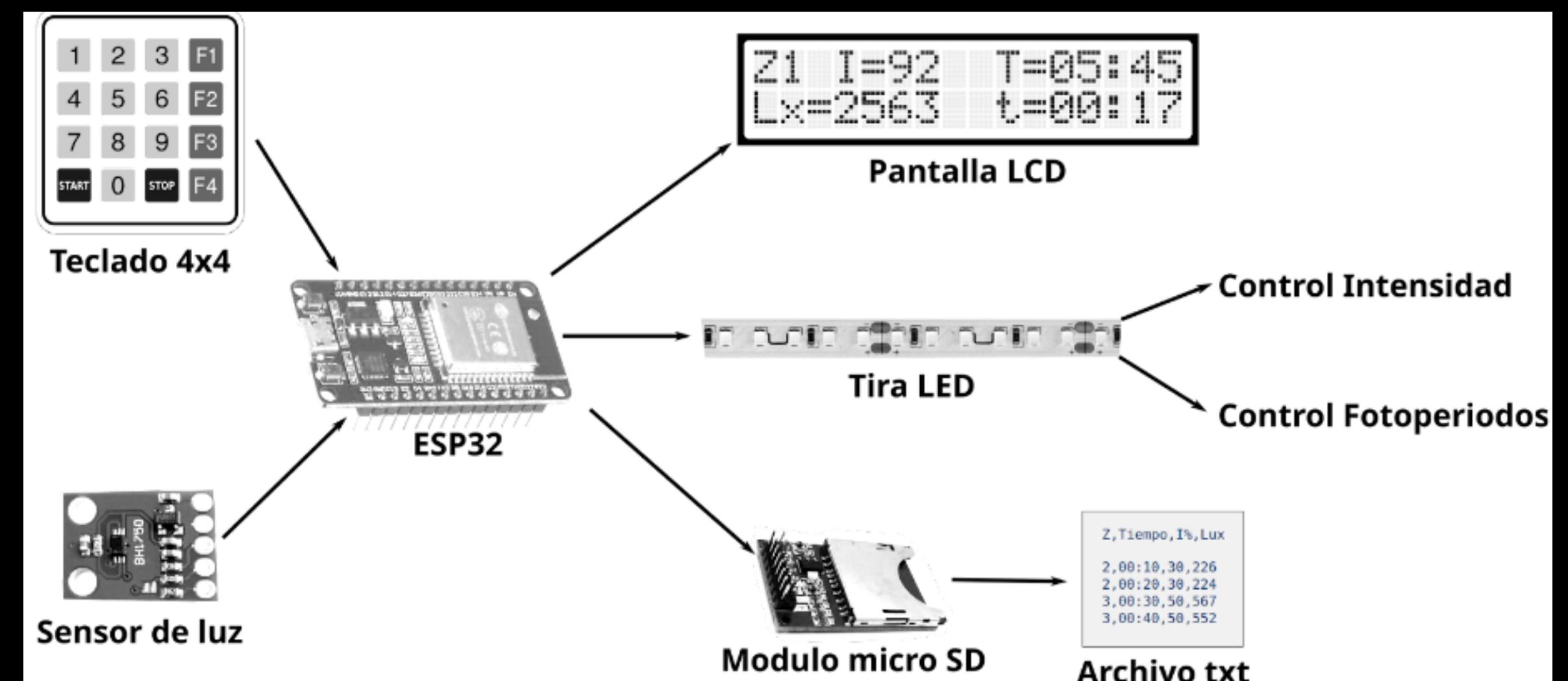
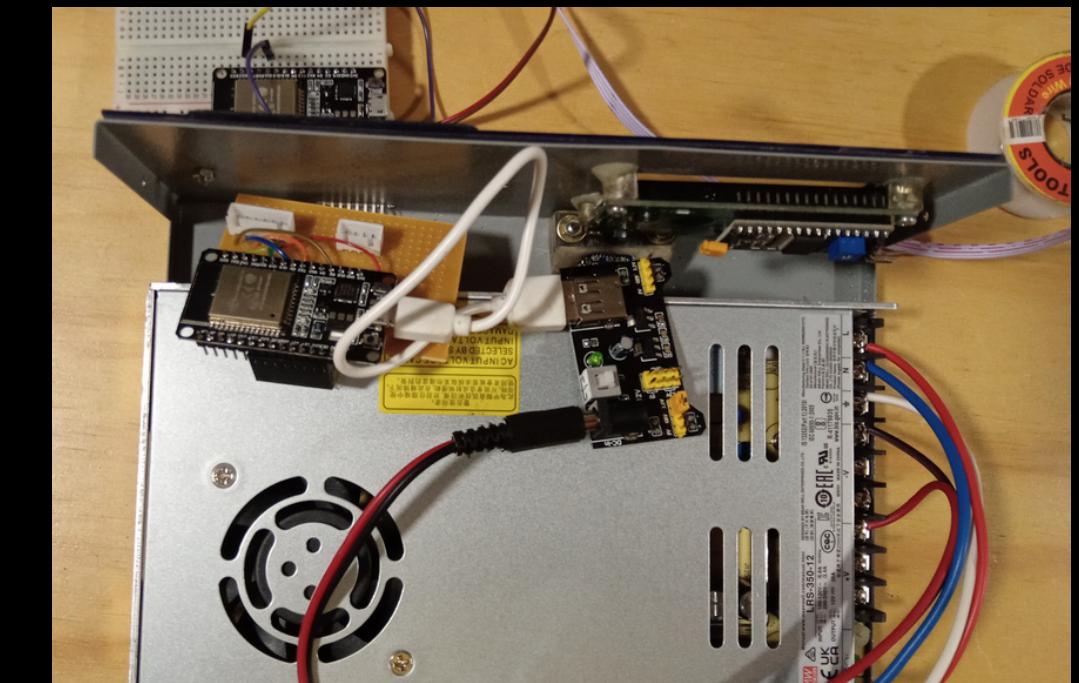
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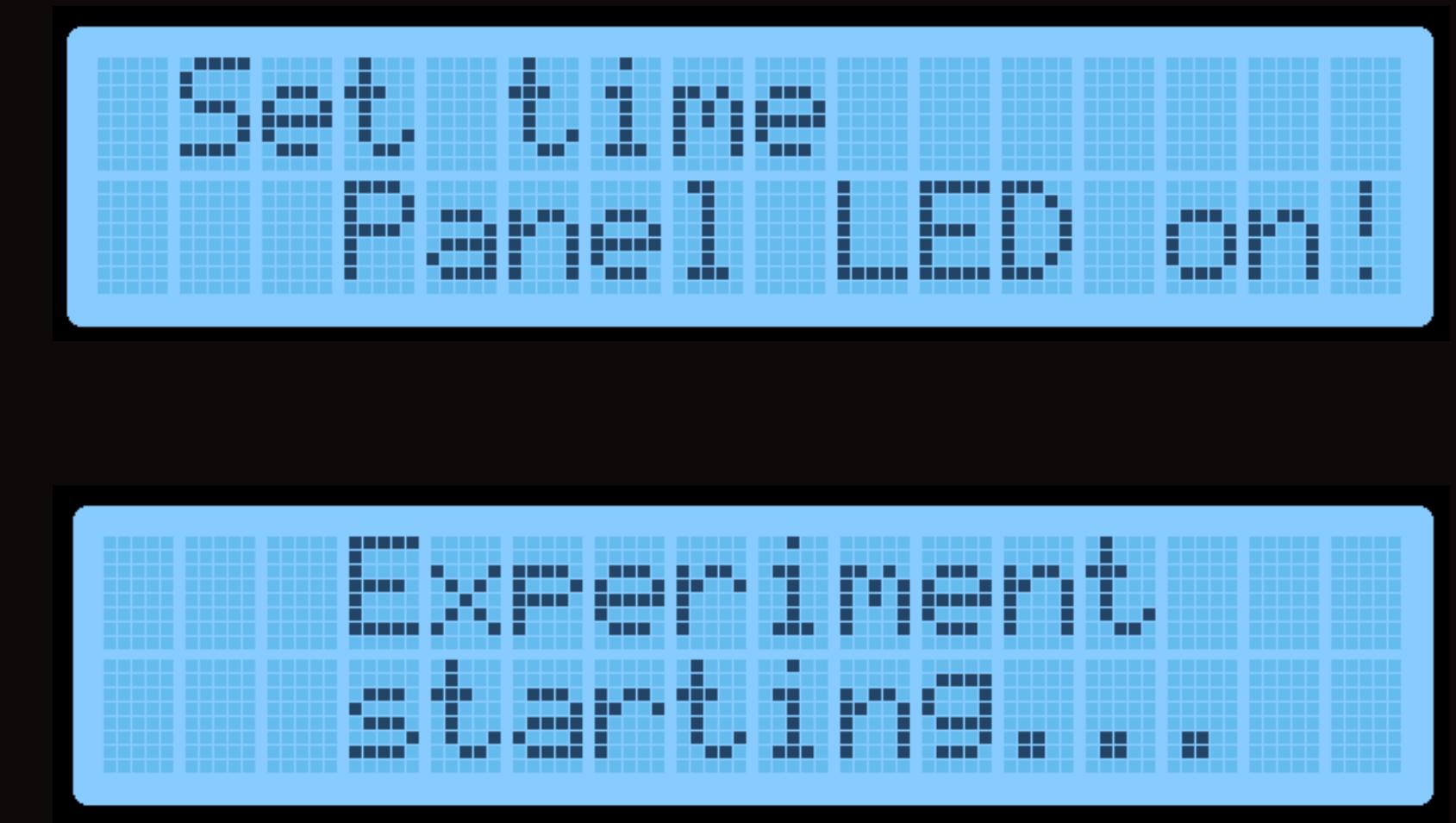
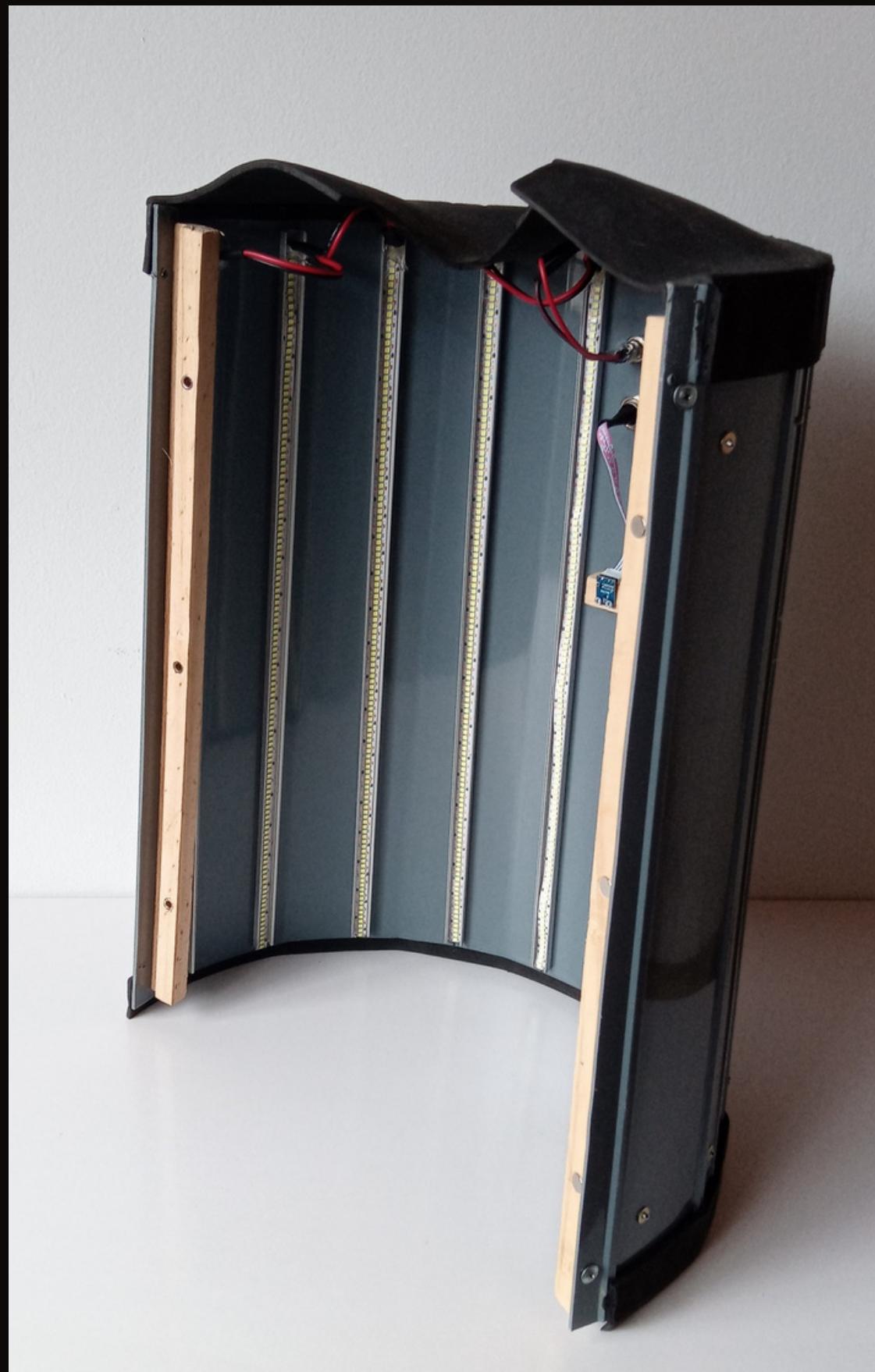
At the invitation of Intek Group, a national company located in Bogotá in the chemical commercial industry, and with the support of an industrial design profile, I developed a functional model of an LED lighting jacket for a microalgae cultivation bioreactor. The model aims to automate the lighting to which a bioreactor is subjected, with the goal of studying the growth dynamics of microalgae under controlled conditions.

Beyond the specific exercise, the development of a functional prototype allows us to envision potential market niches where there is room for national technology, serving and adding value to domestic production.



Functional prototypes allow testing specific features of a solution, reducing development times by facilitating iterations. It also fosters interdisciplinary work by providing a model on which each profile proposes relevant adjustments based on a common foundation. For this particular project, a ESP32 development board was used that simplifies adjustments in programming and the arrangement of interaction elements with a user-centered design approach.





# Training Scholarship

SEPT - DEC 2021

As part of the economic reactivation of the cultural sector in the capital district of Bogotá and as a member of the interdisciplinary Tal Cosa collective, we carried out a training process focused on audiovisual experimentation, comprising three modules: Experimental Poetics, Biological Visualization, and Sensitive Sound Design. In the latter, which I was in charge of, I used theater tools for sensitization and sound software (Sonic Pi) for creation, starting from an understanding of the physical properties of sound.

In this intersection of knowledge, we promoted the use of technology for artistic creation as well as the appropriation of knowledge and scientific languages, and the recognition of the local context.



INICIATIVA  
Ganadora

Pde<sup>2021</sup> PORTAFOLIO DISTRITAL de  
estímulos para la cultura

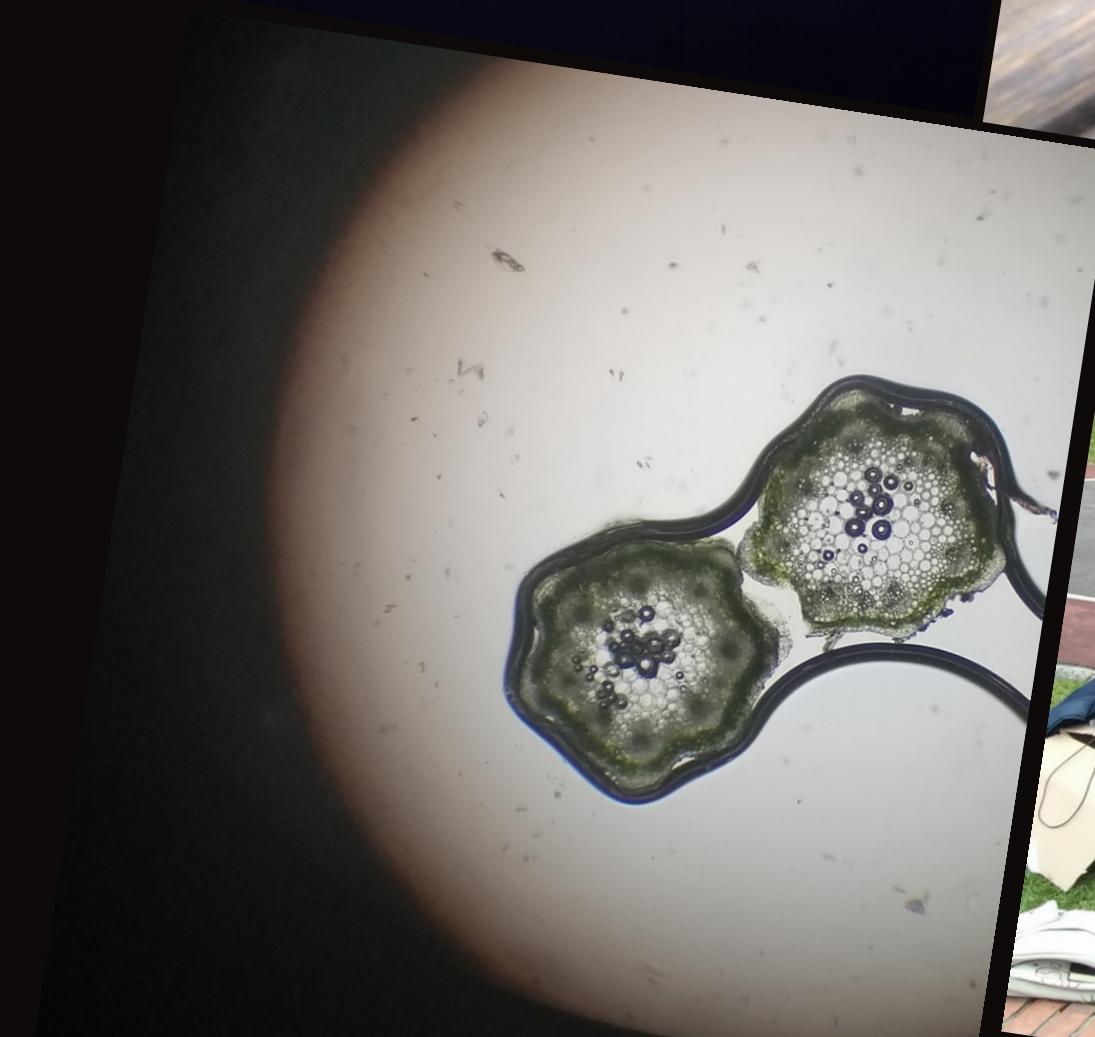
ALCALDÍA MAYOR  
DE BOGOTÁ D.C.

SECRETARÍA DE  
CULTURA, RECREACIÓN  
Y DEPORTE

BOGOTÁ

Photo-synthesis-lab was an exercise that allowed us to establish bridges between languages and ways of understanding the world. Throughout the process, collective work, horizontal collaboration, and continuous exploration were promoted, as well as learning through action, so participants were invited to develop an EXHIBITION as the culmination of the laboratory.

This was displayed in an unconventional art setting, a gallery, but in its oldest definition: a public and traditional market square in the sector.



# Theater: Collective Creation

SEPT 2020 - AUGUST 2021

As part of the Al Alba theater group, I participated in the creation and staging of the play 'La Visita', which brought together a handful of young artists to reflect on the marks left by the Colombian armed conflict within families. Its starting point was in the Family Palimpsest thesis of the Master's in Peacebuilding, formulated in the context of the signing of peace agreements between the state and one of the oldest guerrilla groups on the continent.

Among the many challenges of this experience, the invitation to return to in-person theater after the pandemic was one, as well as adapting the space for the audience to immerse themselves in a play with a realistic aesthetic but with leaps into magical and timeless worlds, where the perception of reality itself is explored, but from the eyes of each character.

TEATRO AL ALBA

# LA VISITA

DRAMATURGIA: CREACIÓN COLECTIVA  
DIRECCIÓN: JOSÉ LUIS MONDRAGÓN GARAVITO



AGOSTO  
19 AL 21

CALLE 12 # 2-65  
SALA SEKI SANO  
HORA: 7:30 P.M.

[www.corporacioncolombianadeteatro.com](http://www.corporacioncolombianadeteatro.com)

BOLETERÍA GENERAL: \$25 MIL PESOS / ESTUDIANTE Y ADULTO MAYOR: \$15 MIL PESOS  
ADQUIERE TUS ENTRADAS EN NUESTRA WEB Y EN LA TAQUILLA DEL TEATRO

PULEP: AFE554



In 'La Visita,' we witness, as intimate friends, the revelation of a truth hidden among the open secrets, prohibitions, childhood fantasies, absences, and memories of a family secretly marked by violence.  
(...)"

"In the play, music, lights, and objects are presences of a silenced but living memory: a dusty jacket is the mirage of a father, a bolero is the echo of a lost love, a coffee strainer is the memory of a grandfather, and an old puppet is the yearning of a mother in exile.

*Taken from press article ([El Tiempo](#) 18 august 2021)*

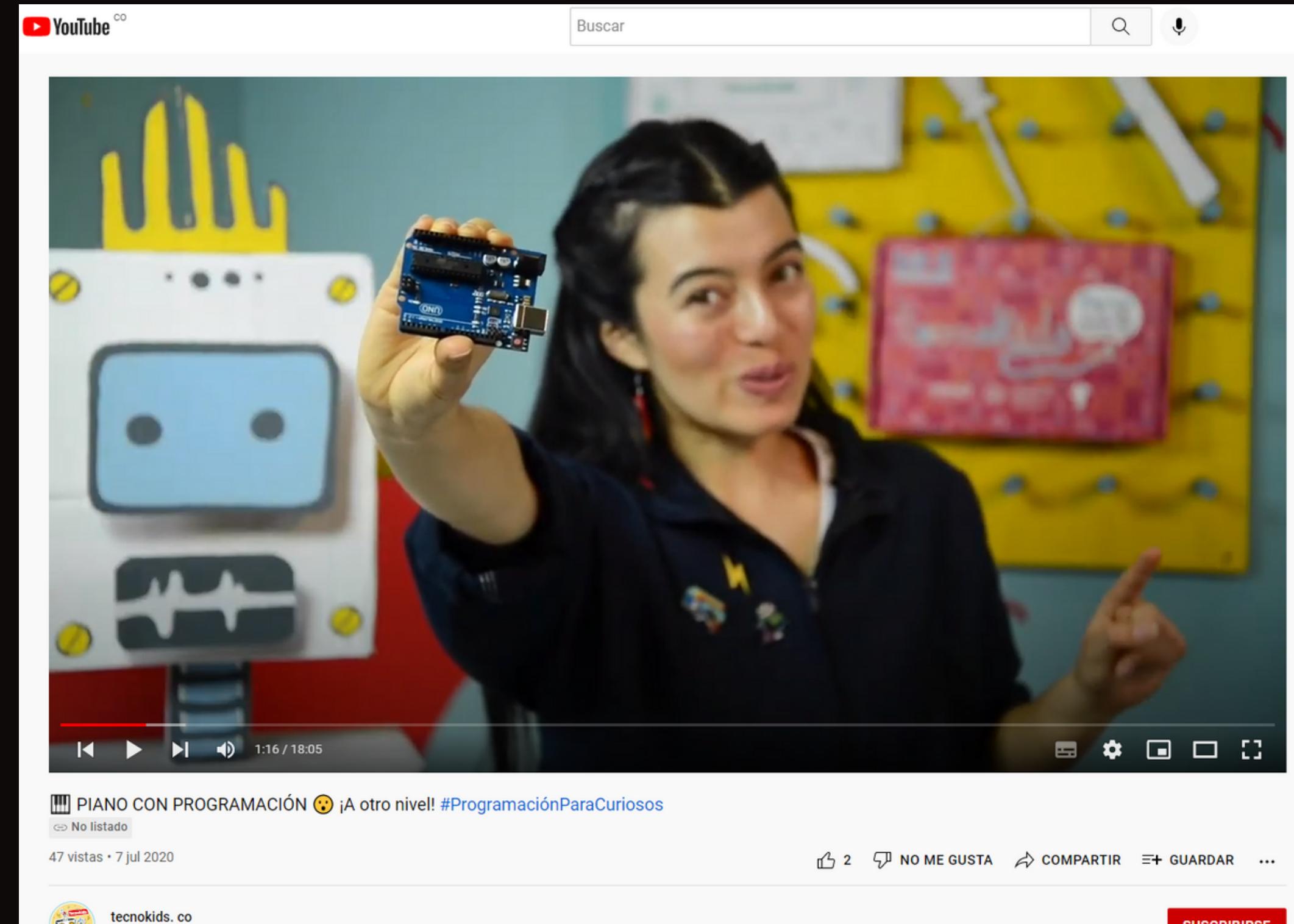


© Carlos Lema

# YouTube Channel and Educational Platform

JAN 2020 - JAN 2022

As a development engineer on the [Creatura Estudio team](#), I generated technical content for the third season of the YouTube channel [Tecnokids.co](#). The produced videos were the central element of the Tecnokids educational platform, which contains courses on electronics and programming fundamentals. The platform was developed as part of a project aimed at preventing xenophobia and promoting integration between the Colombian and Venezuelan populations, funded by IOM (International Organization for Migration - UN)





Cursos



Habilidades



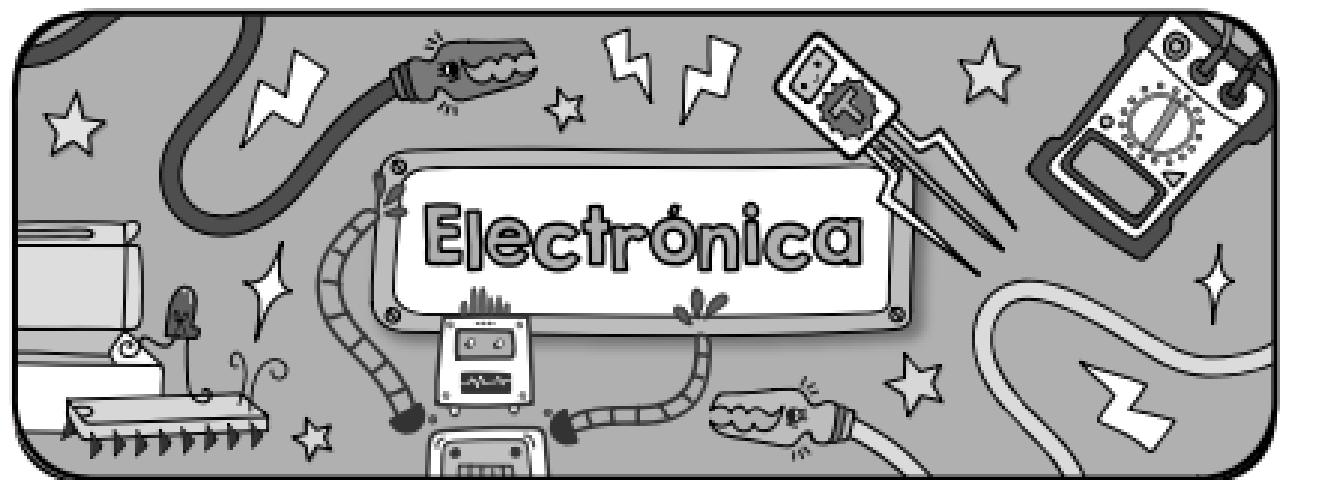
Perfil



Insignias



Proyectos



Con el apoyo de:



During the second season of the [Youtube channel](#), in addition to the content generation, I presented the development of the projects in the context of a pandemic, aiming to provide beneficiaries of the program with diversified learning tools, also directed towards closing the digital gap, which is so pronounced in a country like Colombia.

As part of this same study, I led the adaptation of a basic electronics and programming kit and supported the creation of an educational booklet. Additionally, I facilitated workshops as part of the same outreach strategy but within the framework of a program aimed at preventing the recruitment of minors in various vulnerable areas of the country.



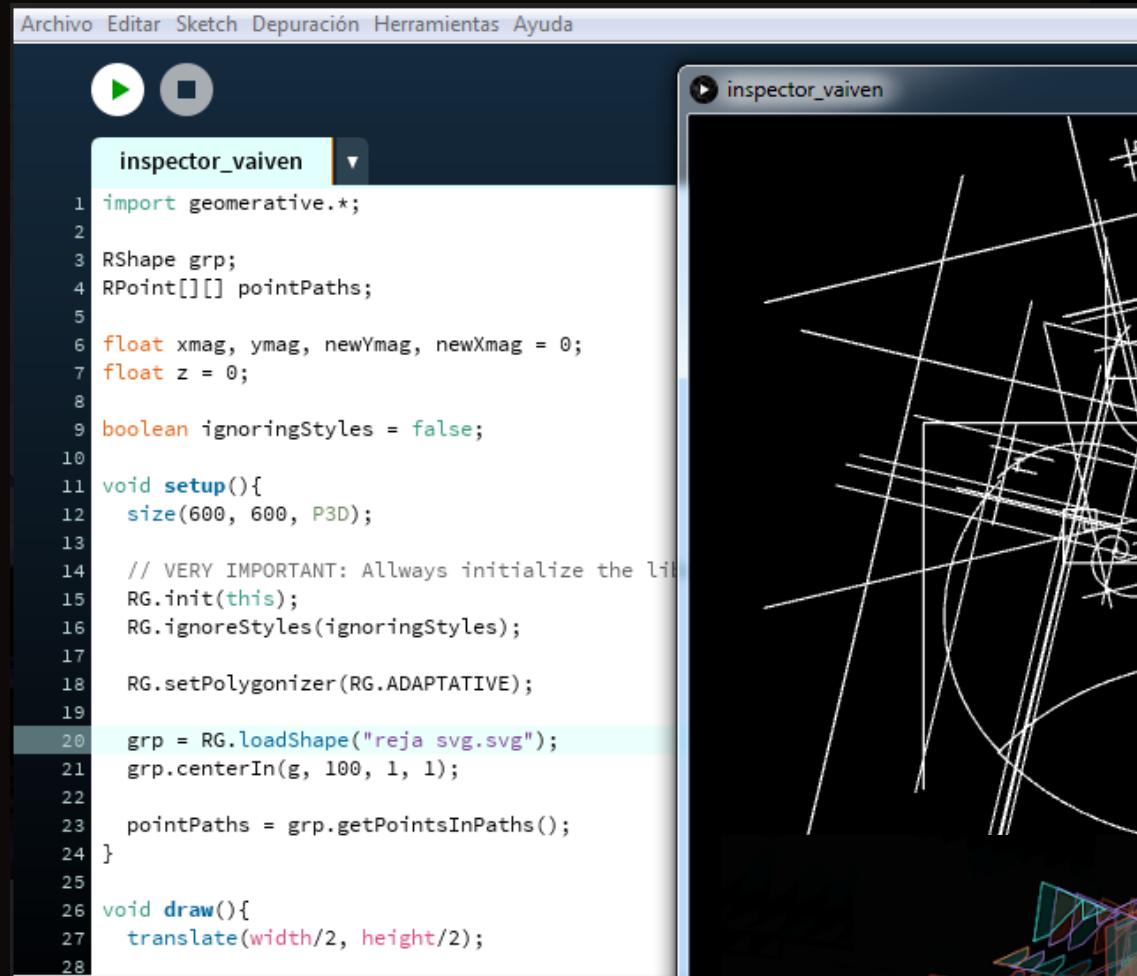
PHOTO BY: CREATURA ESTUDIO



# Creative coding and installation art

SEPT - NOV 2019

As part of one of the scholarships from the Full Dome Festival Bogotá 2019, I was summoned by the visual artist John Melo to accompany the creation of his work "Totalidad" (later winner of the Full Dome Festival Jena 2020). "Totalidad" is an experimental video project that stems from an ongoing investigation into pre-Columbian geometries, their constructive logics, the aesthetic enjoyment of form or symbol, and their relationship with mysticism, as well as the constant use of the golden ratio. My participation in the project revolved around programming in Processing for the generation of inputs for the final work.



```
Archivo Editar Sketch Depuración Herramientas Ayuda  
inspector_vaiven  
import geomerative.*;  
RShape grp;  
RPoint[][] pointPaths;  
float xmag, ymag, newYmag, newXmag = 0;  
float z = 0;  
boolean ignoringStyles = false;  
void setup(){  
    size(600, 600, P3D);  
    // VERY IMPORTANT: Always initialize the lib  
    RG.init(this);  
    RG.ignoreStyles(ignoringStyles);  
    RG.setPolygonizer(RG.ADAPTATIVE);  
    grp = RG.loadShape("reja.svg.svg");  
    grp.centerIn(g, 100, 1, 1);  
    pointPaths = grp.getPointsInPaths();  
}  
void draw(){  
    translate(width/2, height/2);  
}
```

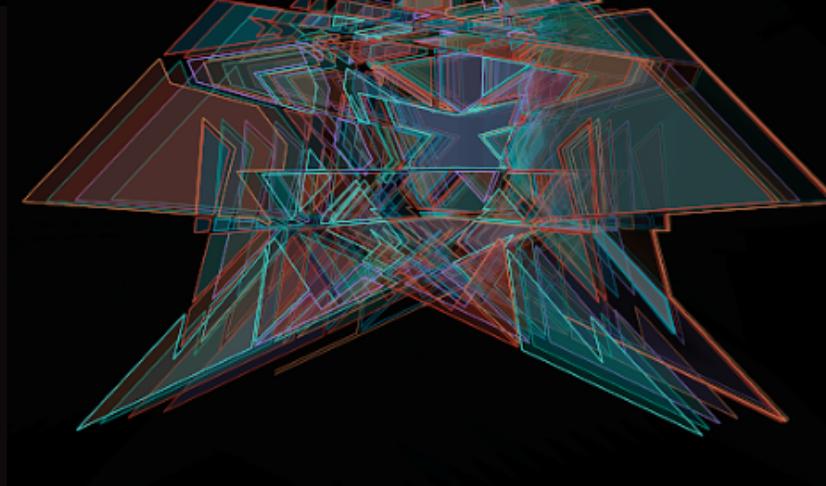
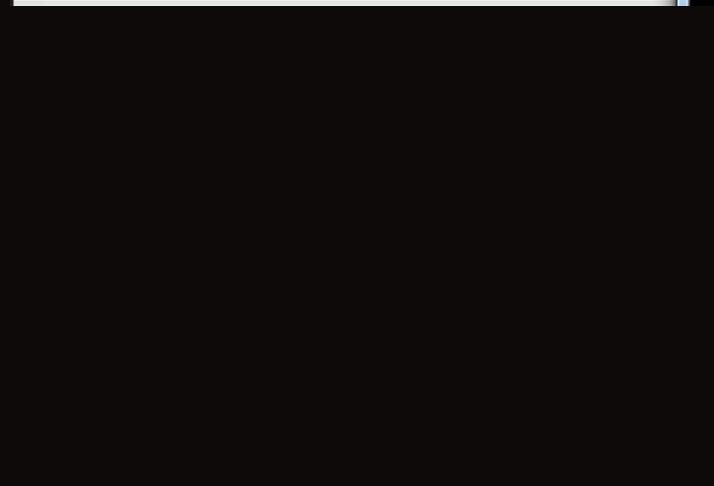
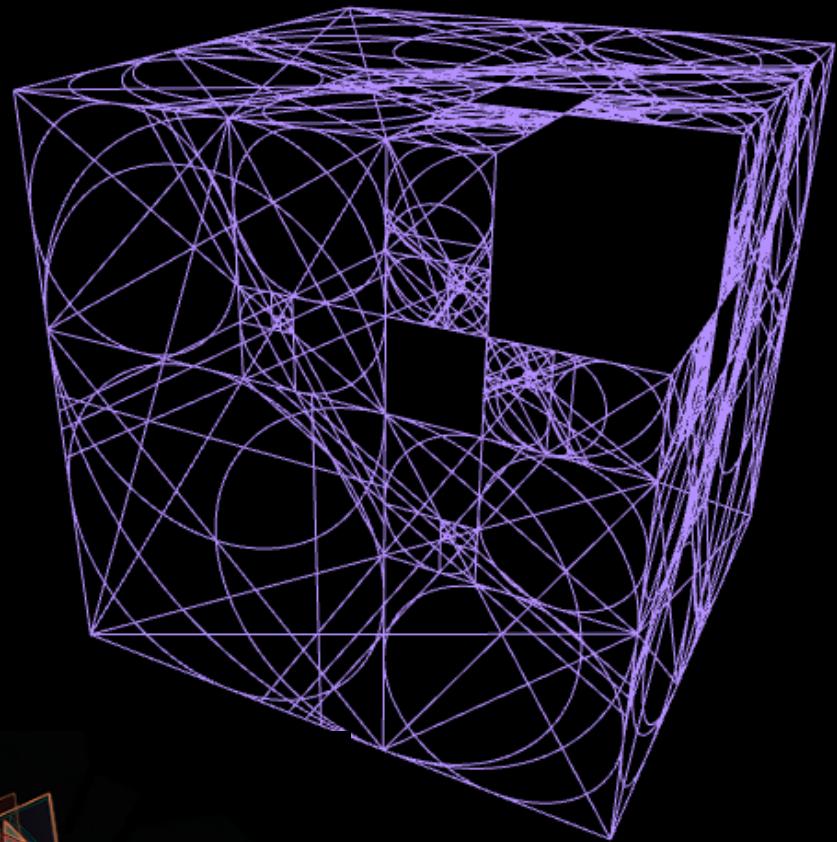


IMAGEN DEL SITIO DEL ARTISTA



Among other projects, participations, and collectives, I highlight Parasound Transducer, an installative work that revolved around the sonorization of electromagnetic fields using the circuit and physical principle of an elektroslush.

The creation process was carried out with the collective Ethereal Paranoia, formed from people from different backgrounds who encountered in several workshops at Plataforma Bogotá, the interactive laboratory of art, science, and technology of the city.



## GALERÍA DE ARTE PORTABLE

8 de septiembre  
11:00 a.m. a 7:00 p.m.  
5:00 p.m. brindis de inauguración

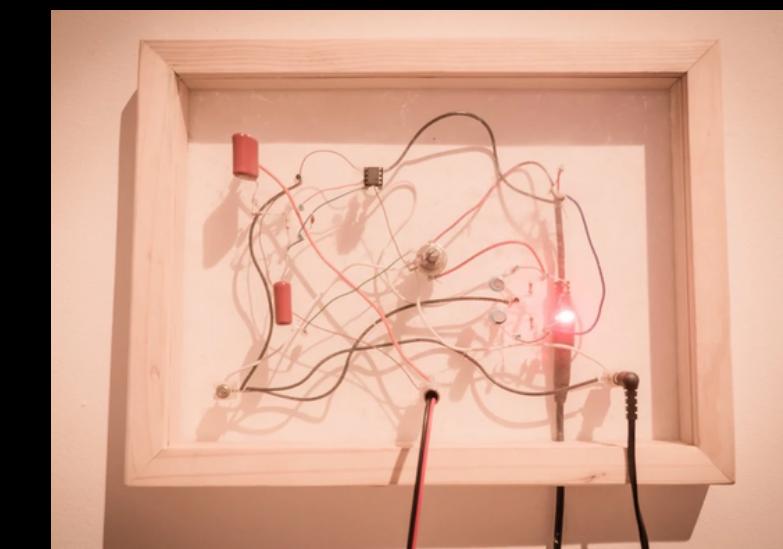


9 de septiembre  
11:00 a.m. a 7:00 p.m.

Carrera 5 # 26A - 50 local 302  
Edificio Torre del Bosque Izquierdo  
Bogotá - Colombia

Celular: (57) 3115935711  
[galeriadearteportable@gmail.com](mailto:galeriadearteportable@gmail.com)

Galería de Arte Portable  
 GArtePortable  
 @galeriadearteportable



# Community artist

## Nests: Art for early childhood

FEB - APRIL 2018

The Nidos program of the District Institute of the Arts (IDARTES - Bogotá) promotes art engagement for children under 6 years old and their caregivers through artistic experiences from various disciplines.

As a Community Artist, I was responsible for designing and adapting two artistic experiences: "Conexión Selva" (Jungle Connection) and "YoVeo" (I See).

Particularly, "Conexión Selva" involved the use of an interactive installation that triggered the sound of different animals through the children's touch with the environment provided, which was mediated by two fantastical characters. This was one of my first experiences mixing my paths in engineering and arts.



# Other theater plays



lamalditavanidad • Seguir ...

lamalditavanidad  
#TRABAJOSDEAMORPERDIDOS  
ÚLTIMAS DOS FUNCIONES MARTES Y MIÉRCOLES 8 PM.  
:\$22.000 precio único.  
La obra comienza con el rey de Navarra y tres nobles compañeros, Berowne, Dumaine, y Longaville, jurando dedicarse a tres años de estudio, y renunciando al disfrute de placeres carnales y a la compañía de

12 Me gusta 26 DE MARZO DE 2019

Añade un comentario... Publicar



- LOST LABORS OF LOVE. Dir. Hugo Marín. (2019) The Casa de la Maldita Vanidad presented the play as an adaptation of Shakespeare's eponymous text.
- THE NEXT ONE. Dir. Mauricio Córdoba (2012): Playwright Henry Díaz. Staging by the institutional theater group of the National University of Colombia.
- PRINCE SHAKESPEARDUN (2013) (Collective Adaptation Apropósito). (Playwright Goyenechus)

# Main Artistic formation

- Creation Laboratory Family Voices. Jorge Romero - Accademia dell'Incompiuto. February 2022 & 2024
- ArtBo Tutor. Chamber of Commerce of Bogotá. March-May 2021
- Comprehensive creation laboratory for actors. Theater of the Maldita Vanidad. January to March 2019.
- Puppet and Video Workshop. Cultural Association Hilos Mágicos. August and September 2017.
- Laboratory of physical and gestural theater. Casa del Silencio Bogotá, November 2016.
- Neutral Mask Laboratory, directed by Professor Carlos Rojas Neira, February 2016.
- National University of Colombia: Radio initiation workshop, directed by Edgar Guasca and Amelia Pinzón.
- Puppet manipulation workshop for television, directed by Paulo Balardim. Caixa do Elefante-Brazil
- Puppet creation workshop, directed by Mário de Ballentti, Caixa do Elefante-Brazil. April 2014
- UFRGS: Experimental Theater Laboratory I, directed by Martha Isaacson de Souza
- UFRGS (Federal University of Rio Grande do Sul) Theater of the Oppressed, Professor Silvia Balestreri. 2014-I
- Teatro Varasanta: Organic Appropriation of rhythm, Master Beto Villada, 2013-II
- Talento Colombia Group: Dubbing workshop directed by Wolfgang Galindo, 2013-I
- Gilberto Alzate Avendaño Foundation: Theater Laboratory, teacher: Givier Urbano, 2012-I
- Clown Workshop with Master Jorge Mario Escobar. National University of Colombia 2011-II;
- National University of Colombia: Acting Training Workshop, with Professor Carlos Rojas, 2010-II and 2011-I

Where  
is creativity  
born?

CREER

CREAR

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