

Weaving x Coding

PORTFOLIO - 2022

Beyond Punch Cards

Beyond Punch Card: Innovative ways old and new technologies interlace each other is an exhibition on how textiles and emerging technologies can facilitate together new ways of existing.

Curating and producing a satellite exhibition for the 2019 CURRENTS New Media Festival brought the opportunity of engaging with different audiences through a collaborative knitting performance by artist Yvonne Martinez and a panel discussion in the context of New Mexico's textile tradition with local artists, educators and creatives to talk about how craft-making is supporting the learning process for new technologies.



For more information visit <https://www.formandconcept.center/>.

Weaving X Coding



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BEYOND PUNCH CARDS



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BEYOND PUNCH CARDS

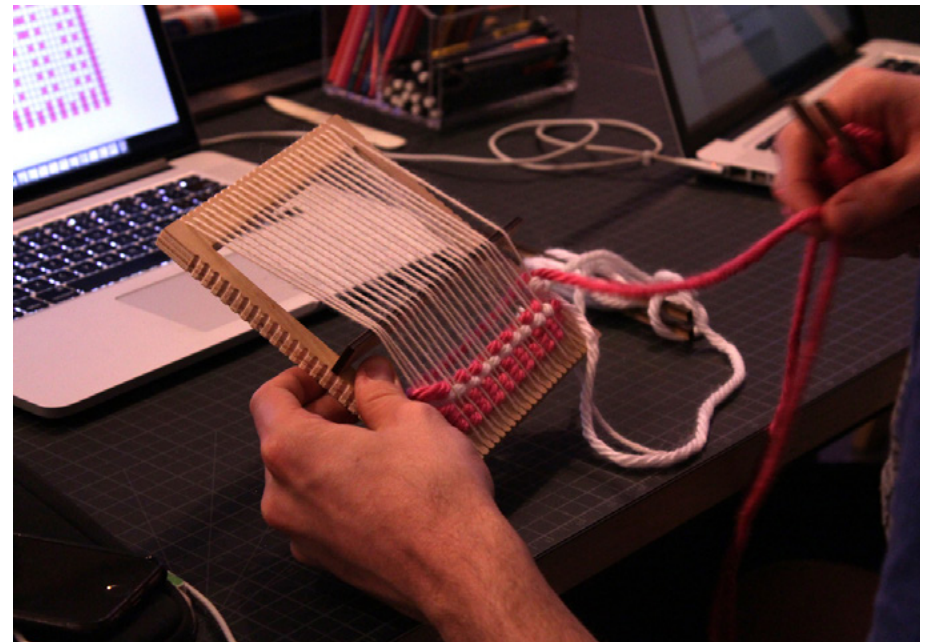
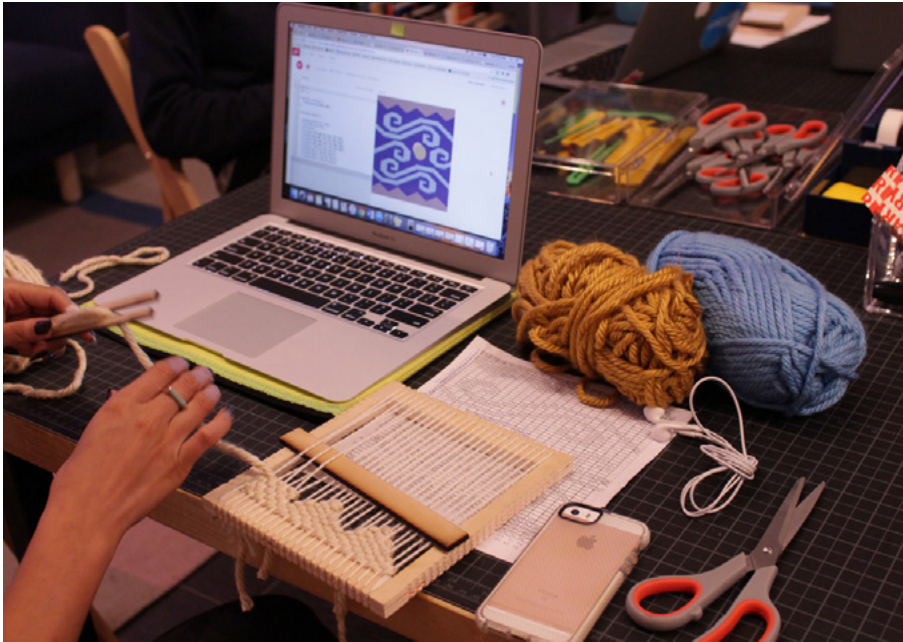
Weaving to Code, Coding to Weave

This workshop's goal is to demystify weaving and coding, showing their similarities in how they work that are not often exposed.

We facilitate sessions in which attendees learn about the art of weaving in order to illustrate how binary systems work. They are simultaneously introduced to hands-on practice of basic creative coding skills using p5.js and weaving techniques with a small frame loom.

The workshop has been hosted by Pioneer Works, Stony Brook College CURRENTS New Media Festival and Futureworks Makerspace NYC.





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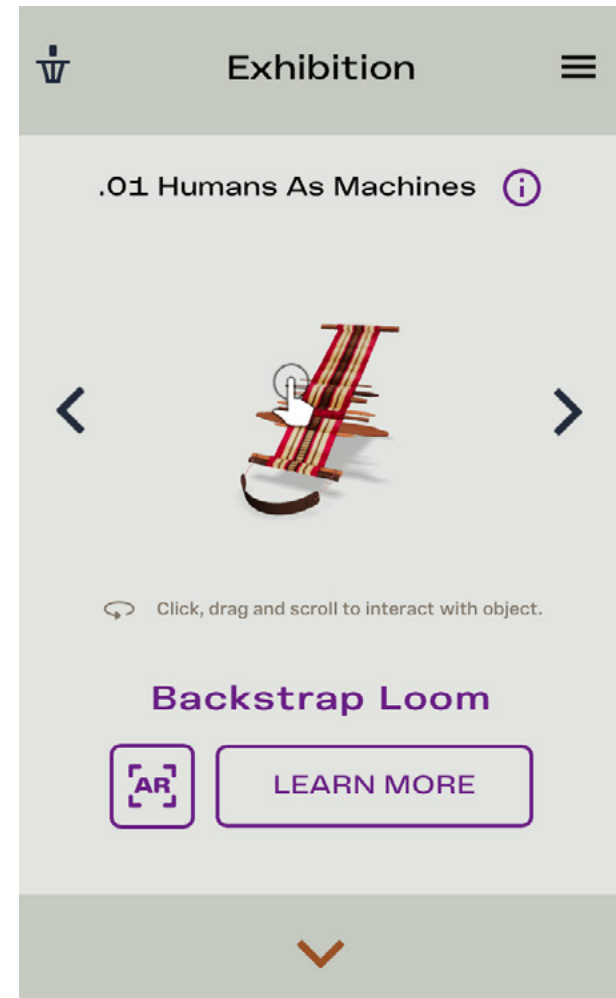
Warping The Future

This virtual exhibition explores the connection between the history of crafting and computing, by accentuating the tools that continuously weave this story and honoring the contribution of women in innovation.

Following the opening, we also hosted a series of conversations with some of the artists featured in this exhibit. In conversation with was a moment to learn from the artists about their practice and their take on the relationship between craft and technology.

Exhibition was commissioned by the Gottesman Libraries at Columbia University with the support from the Eugene E. Myers Trust.

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Backstrap Loom

The backstrap loom is known to be one of the oldest forms of looms in the world, used mainly in pre-Columbian America and Asia. This entire non-mechanized instrument works by stretching the warp threads between a tree, post, wall or any fixed element, indoors or outdoors, and a strap that is wrapped around the weaver's waist. This



Hopi Belt Weaver Opening Upper Shed. Image from page 148 of 'Yarn and cloth making; an economic study; a college and normal schools text preliminary to fabric study, and a reference for teachers of industrial history and art in secondary and elementary schools' (1918).

From Peru to Indonesia, different communities of weavers still use this form of loom as their main tool, some different from others. Women in places like the Andes traditionally wear a carrying

03 Machines As Humans ⓘ

I want to learn about

performance

loom

performance

software

material

textile

installation

that

repurposes

weaving

FIND PROJECT

BODYWARP

BODYWARP: Casting IV

from Indira Allegra

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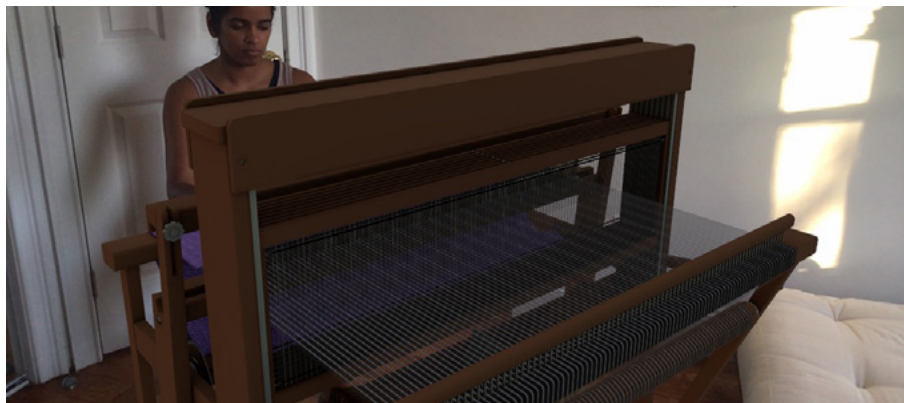
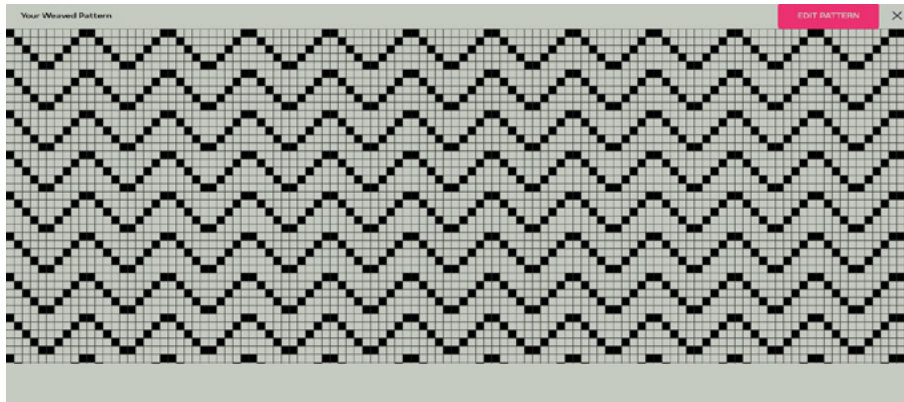
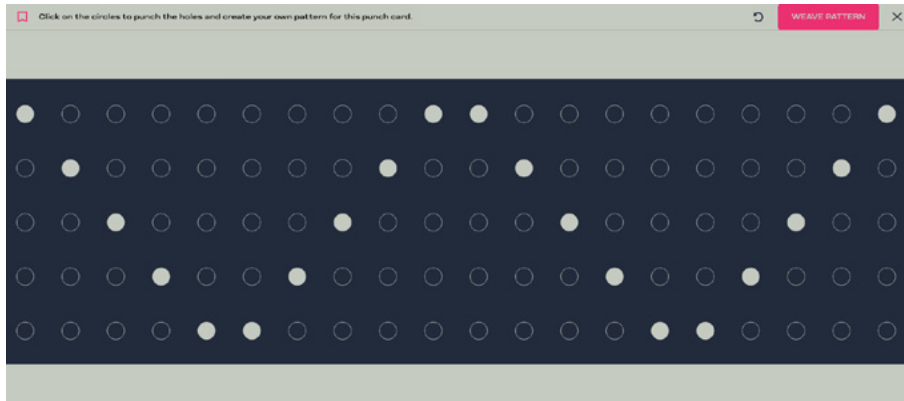
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By Indira Allegra

BODYWARP explores weaving as performance and calls for a unique receptivity to tensions in political and emotional spaces. The work investigates looms as frames through which I as the weaver become the warp and am held under tension, as I perform a series of site-specific interventions using my body. Like the accumulation of memory in cloth, in BODYWARP, looms and other tools of the weaver's craft become organs of memory, pulling my body into an intimate



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