

# Reimagine: Repurposing Digital Fabrication Scrap Materials for Sculpting

## Ladan Johari

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Date Created: February 2022

Dimensions: 10", 10", 10"

Materials Used: Plywood

[We would like to see an entry in all three paragraphs shown below but feel free to adjust the sequence of the 3 paragraphs as may be most informative for the readers. ]

## Description

Reimagining explores the creative potential of discarded materials, focusing on transforming random plywood scraps into cohesive three-dimensional forms. First, the pieces are systematically collected, and once a taxonomy of materials is established, they are assessed for their aesthetic qualities. The materials are also examined for innovative assembly techniques and structural design to create stable and abstract sculptures. A key challenge of this project was ensuring structural integrity while sculpting with irregular shapes, requiring a balance between material properties and artistic vision. With limited freedom in choosing forms or sizes, the project offers a unique perspective on sculptural practices, encouraging experimentation with imperfect materials and reimagining waste into new and unexpected shapes.

## Statement

My work seeks to uncover the creative potential inherent in waste. By employing assembly techniques, I invite a deeper dialogue with materiality, exploring the tension between form and function. Rejecting the use of new materials, this project reflects on the transformative power of discarded fragments, elevating them from the mundane to the extraordinary. It is an exploration of rebirth and how disregarded pieces can be reimagined and granted a second life. The work challenges the sculptural practice, emphasizing the poetic and conceptual value of repurposing, and advocating for a mindful and resource awareness approach to artistic creation.

## Designer(s) Biography:

Ladan is an interdisciplinary artist and architect whose expertise in art and architecture naturally draws her to the realm of design. Her work explores the relationship between humans and spaces. As an architect, she has an understanding of the function of spaces, as well as materials, and an eye for the aesthetics of forms and shapes. She began her work as a sculptor in 2017 and has since exhibited her pieces in several exhibitions. Ladan utilizes a variety of materials, tools, and techniques in her work, including bronze, ceramics, and other mixed media.



Figure Description: Left: Structure, Right: Cut pieces

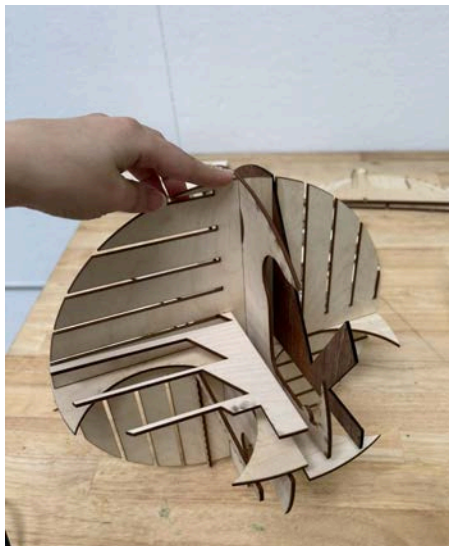


Figure Description: Assembly

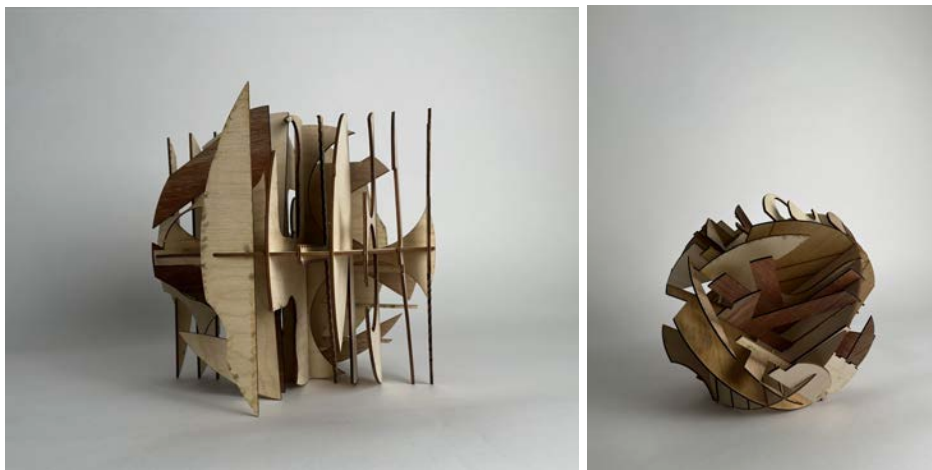


Figure Description: Sculpture pieces, Left: Standalone, Right: Sphere