AREN SHAGINIAN

2018-2019

Final Flattening Model//Powder print Model.
SCI-ARC.

INDEX

Still Life - Relief Project. SCI-ARC

Glendale Community College

Summary of my Studies

I began taking architectural courses at Glendale Community College where I learned how to use AutoCAD, Rhino, Revit and Twinmotion.
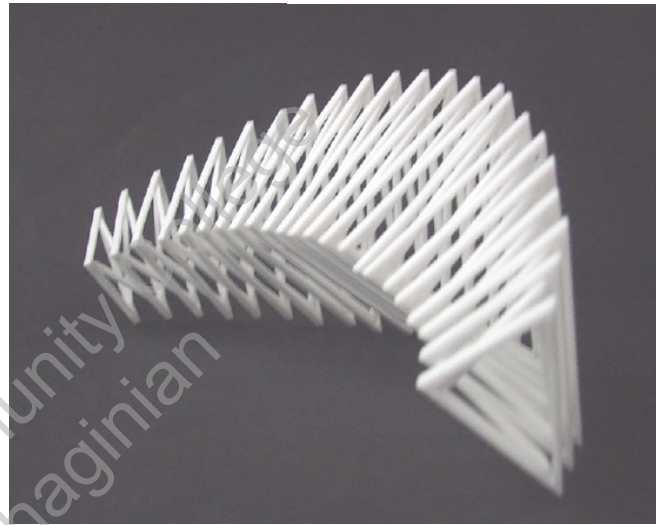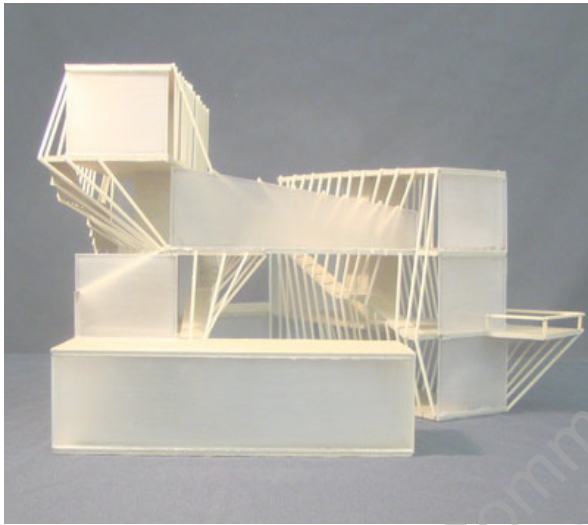
Model of my Case study house.

01

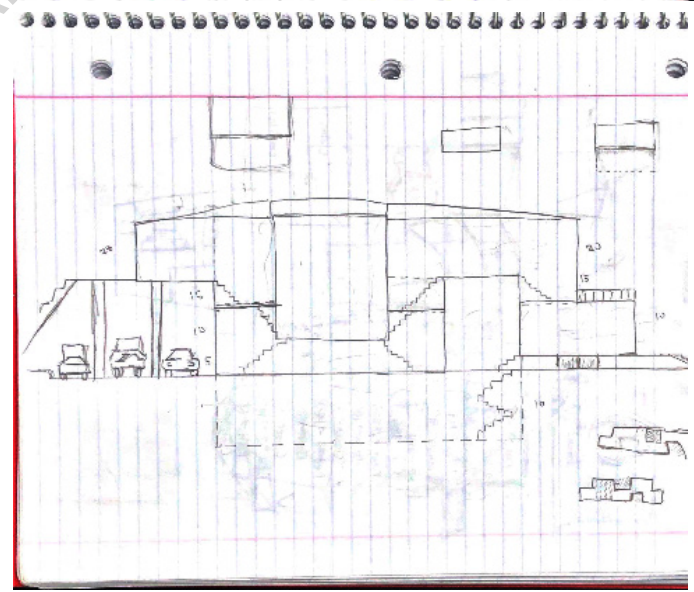## Glendale Community College
Project 1: A house for Don Ed Hardy

Models that inspired my design choice

My first design at Glendale Community College

For our residential design class, we had to pick a specific individual and design a home for them based on their profession. One of the options was a tattoo artist so I decided to make a house for on Ed Hardy.

This sparked the idea to design a home that was inspired by his famous dragon illustration.
Above are interpretations of what I wanted my design to include.

DON ED HARDY
- ICON → DRAGON
- SURFACE → SPINE OF DRAGON
- PUNCTURES → DOORS, WINDOWS (UNIQUE-SHAPED)
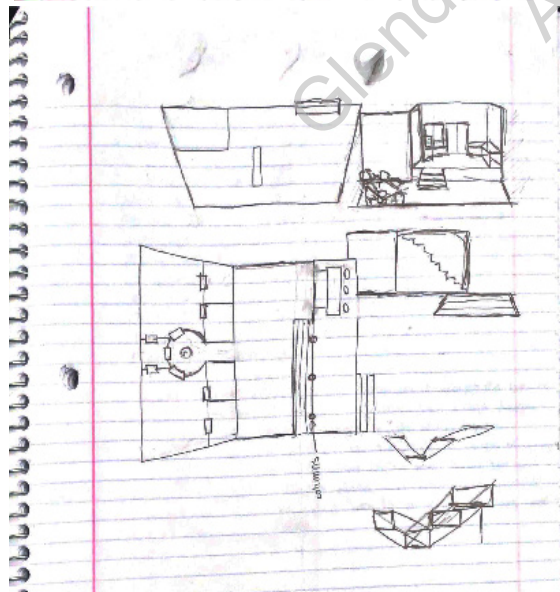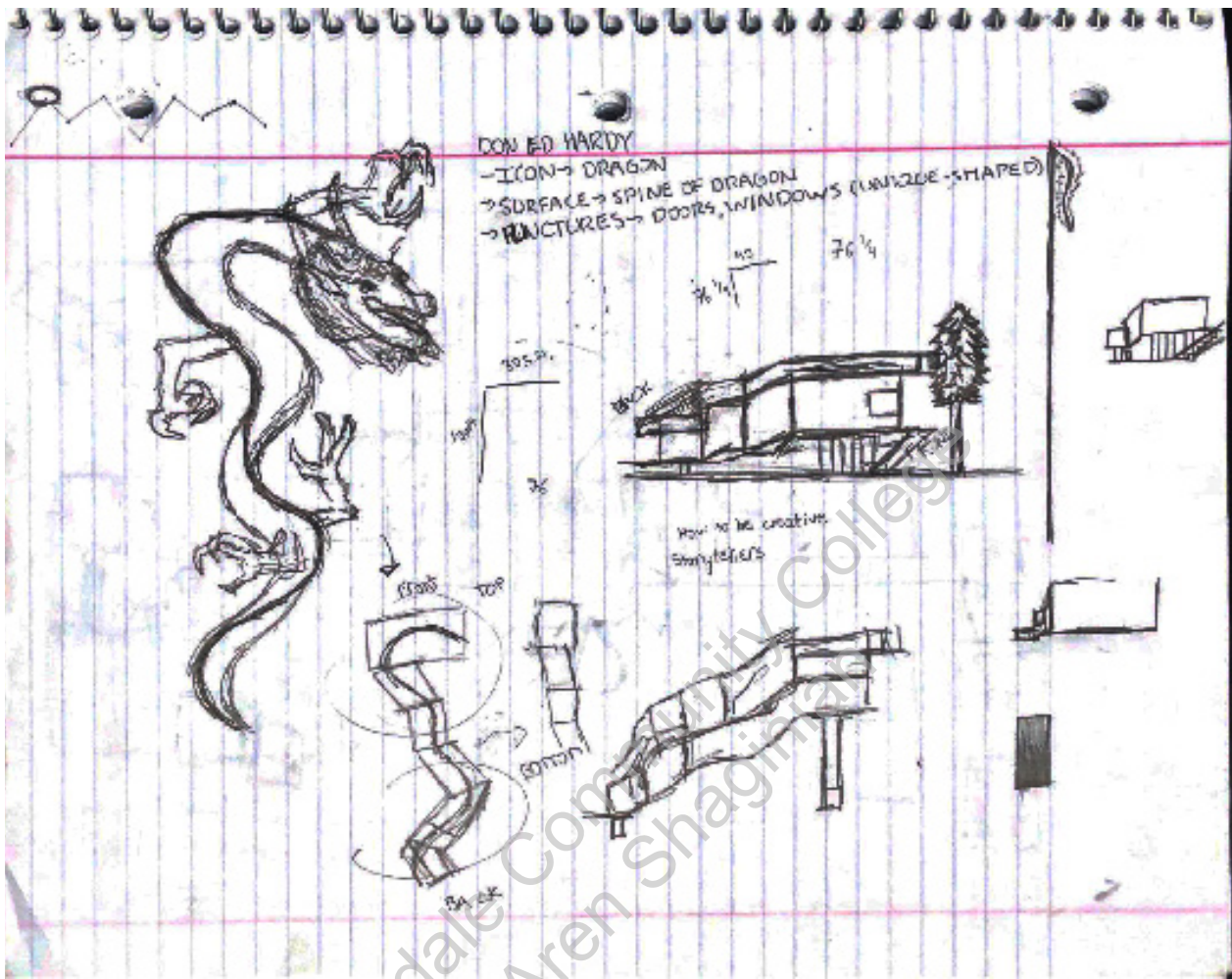
Beginning Sketches

First Floor

N

Second Floor

Roof End
25' - 0"

Roof Line
22' - 0"

Foyer
14' - 0"

Second Floor Line
12' - 0"

Living
4' - 0"

First Floor Line
2' - 0"

Ground Level
0' - 0"

Pool Floor Line
-6' - 0"

East Elevation

Roof End
25' - 0"

Roof Line
22' - 0"

Foyer
14' - 0"

Second Floor Line
12' - 0"

Living
4' - 0"

FiGround Level
0' - 0"

Pool Floor Line
-6' - 0"
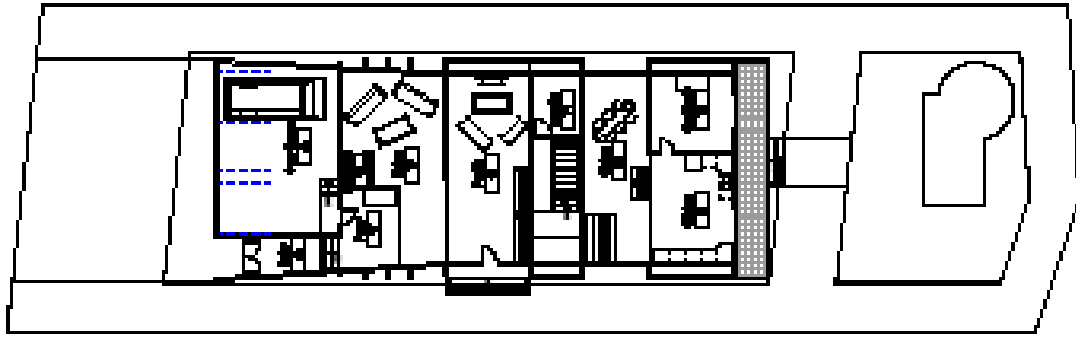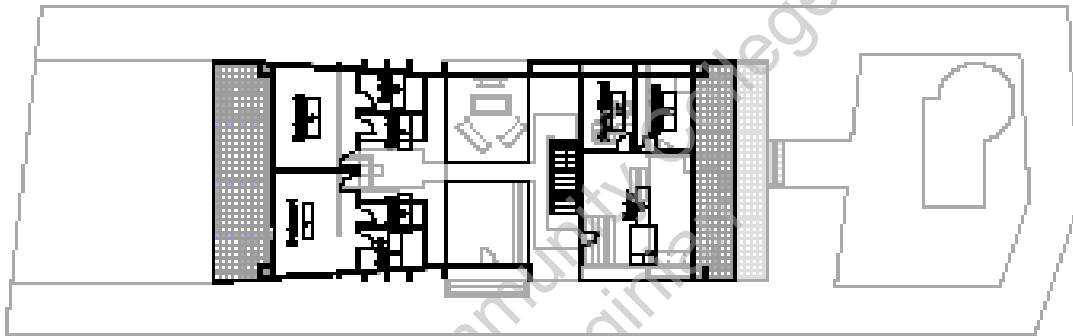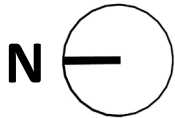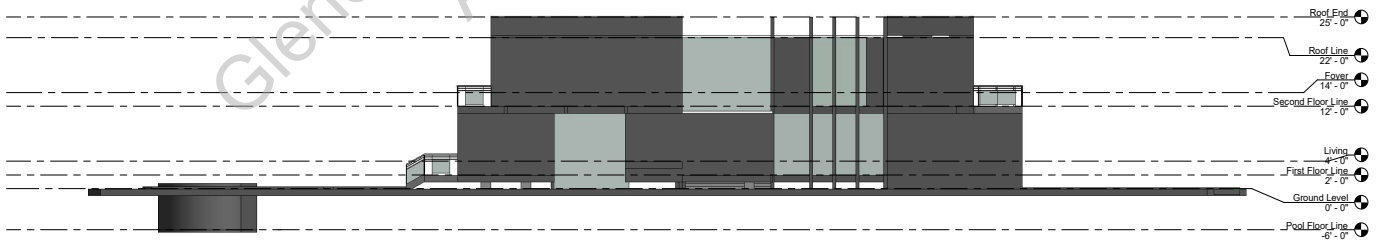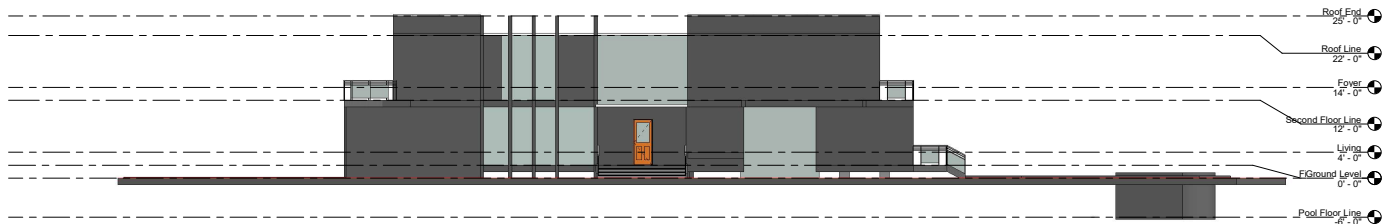
West Elevation

North Elevation

Roof End
25' - 0"

Roof Line
22' - 0"

Foyer
14' - 0"

Second Floor Line
12' - 0"

Living
4' - 0"

First Floor Line
2' - 0"

Ground Level
0' - 0"

Pool Floor Line
-6' - 0"

South Elevation

Roof End
25' - 0"

Roof Line
22' - 0"

Foyer
14' - 0"

Second Floor Line
12' - 0"

Living
4' - 0"

First Floor Line
2' - 0"

Ground Level
0' - 0"

Pool Floor Line
-6' - 0"

9

Twinmotion®

Daytime Renderings

Nighttime Renderings

Interior Renderings

10
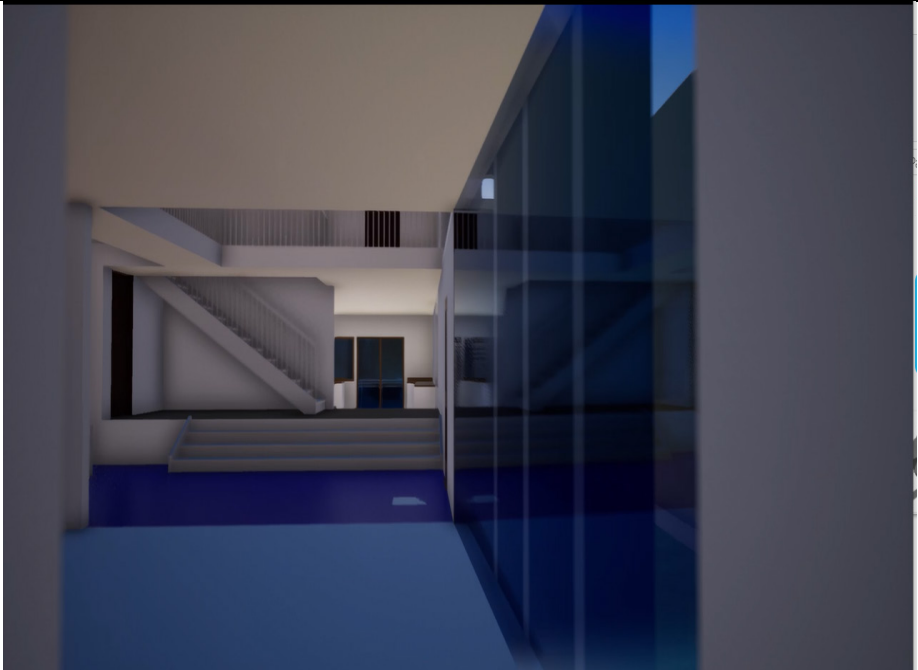
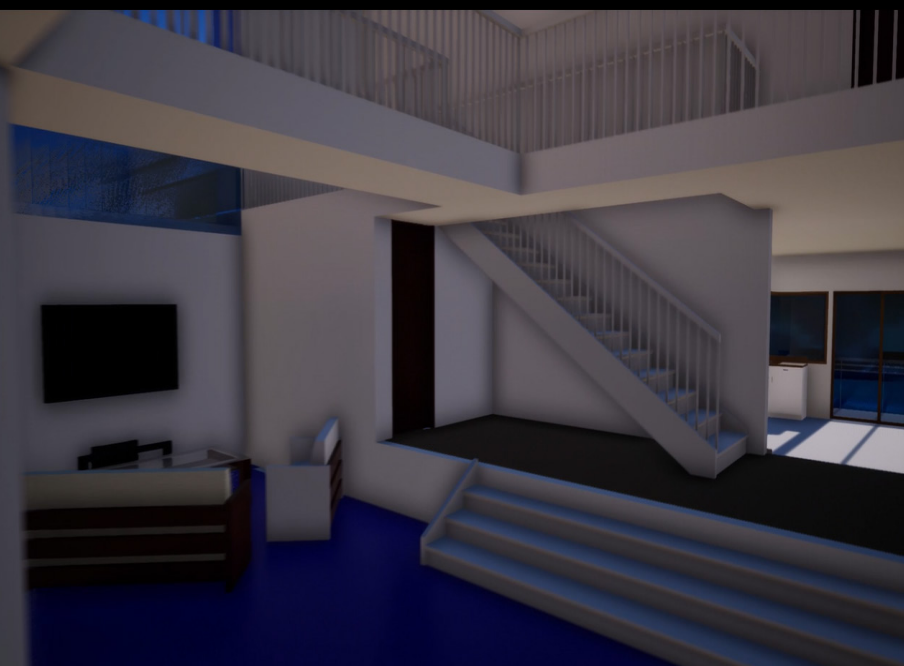**Daytime Renderings**

Nighttime Renderings

Interior Renderings

SCI-ARC

Image of our small scale body compositions.

Making and Meaning 2019

I produced 3 projects during this program. All three
of these projects required the use of Rhino.

Pattern made with photoshop that would wrap around our entire models.

02.1
SCI-ARC
Project 1: Body Composition

My first design at SCI ARC

First project was a group body composition.

A picture of me pinning the print-out of our group mesh.

Project 1: Beginning Rhino Models

Three different elevations of my group composition. We decided our
theme would be the blend between low, medium, and high positions.

My individual mesh set to grayscale. The clipping plane set to black
indicates how my mesh is closed.

A look at my final textures for our group composition.

Patterns that complement eachother yet show the differences of each mesh.

Powder Printed model of myself.

Powder Printed model with white background.
Done on Photoshop.

Project 1: Final full Body cut-out

Final full scale model of our group compositions.

Final full scale model solo.

02.2

SCI-ARC

Project 2: Still Life - Relief

Creating shapes with the use of Rhino. Used different paper styles and thicknesses for each section of the process.

To create and manipulate shadows and volumes of molds.

Use of Printing Paper

Next step was to scale up the model and use construction paper instead. The shapes had more form this time.

Our next step was to make the model again with tissue paper.

Final project. Crush the tissue paper to give model more depth and value. We projected different colored lights to produce contrasts.

02.3

SCI-ARC

Project 3: Flattening

Forming shapes together, but this time squishing them to the point where they only had specific corners to stand up on.
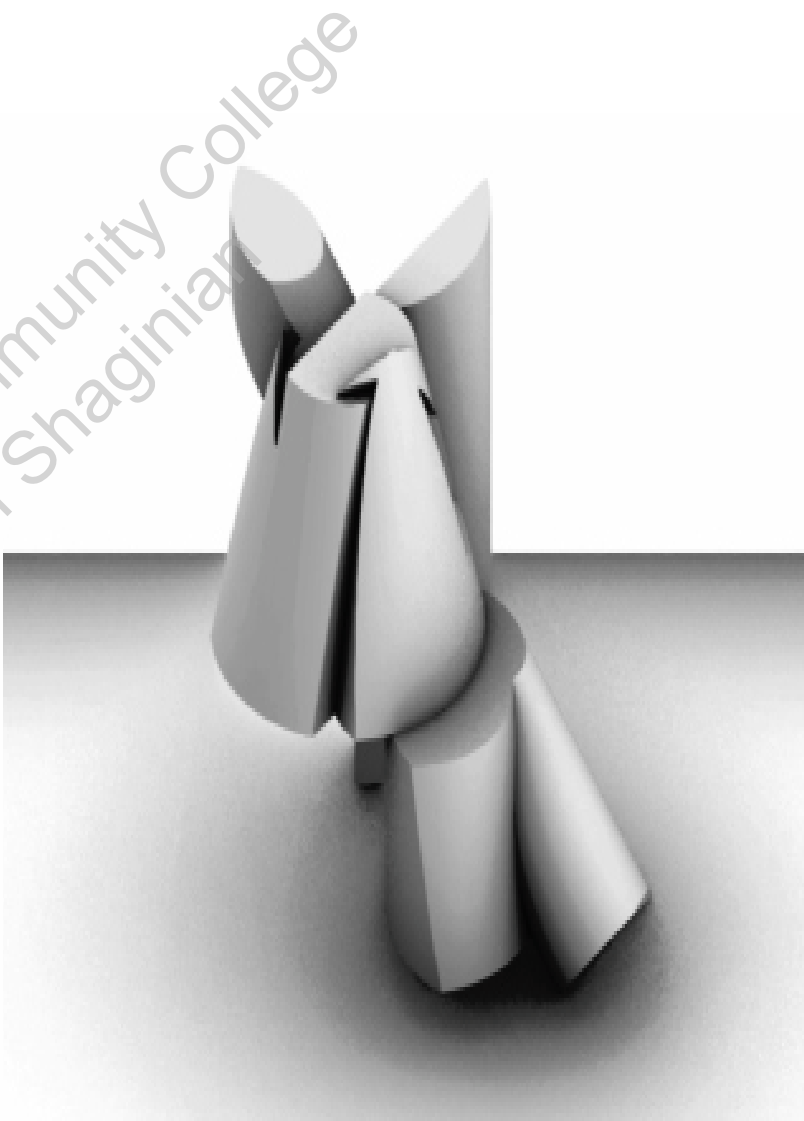

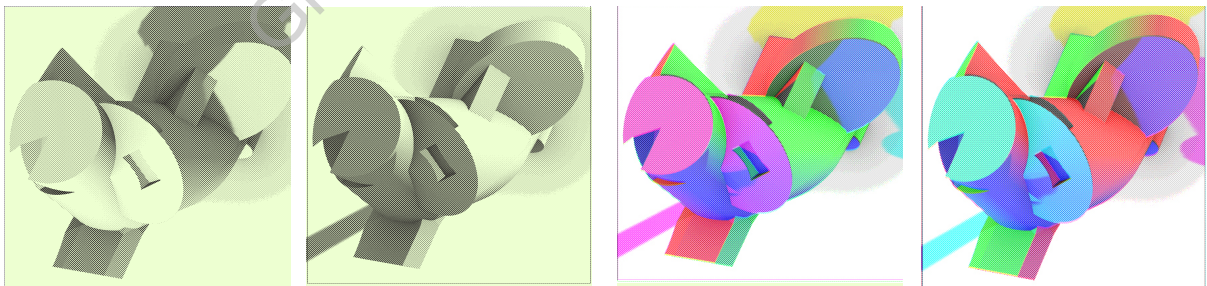First option. Retrofuturism.
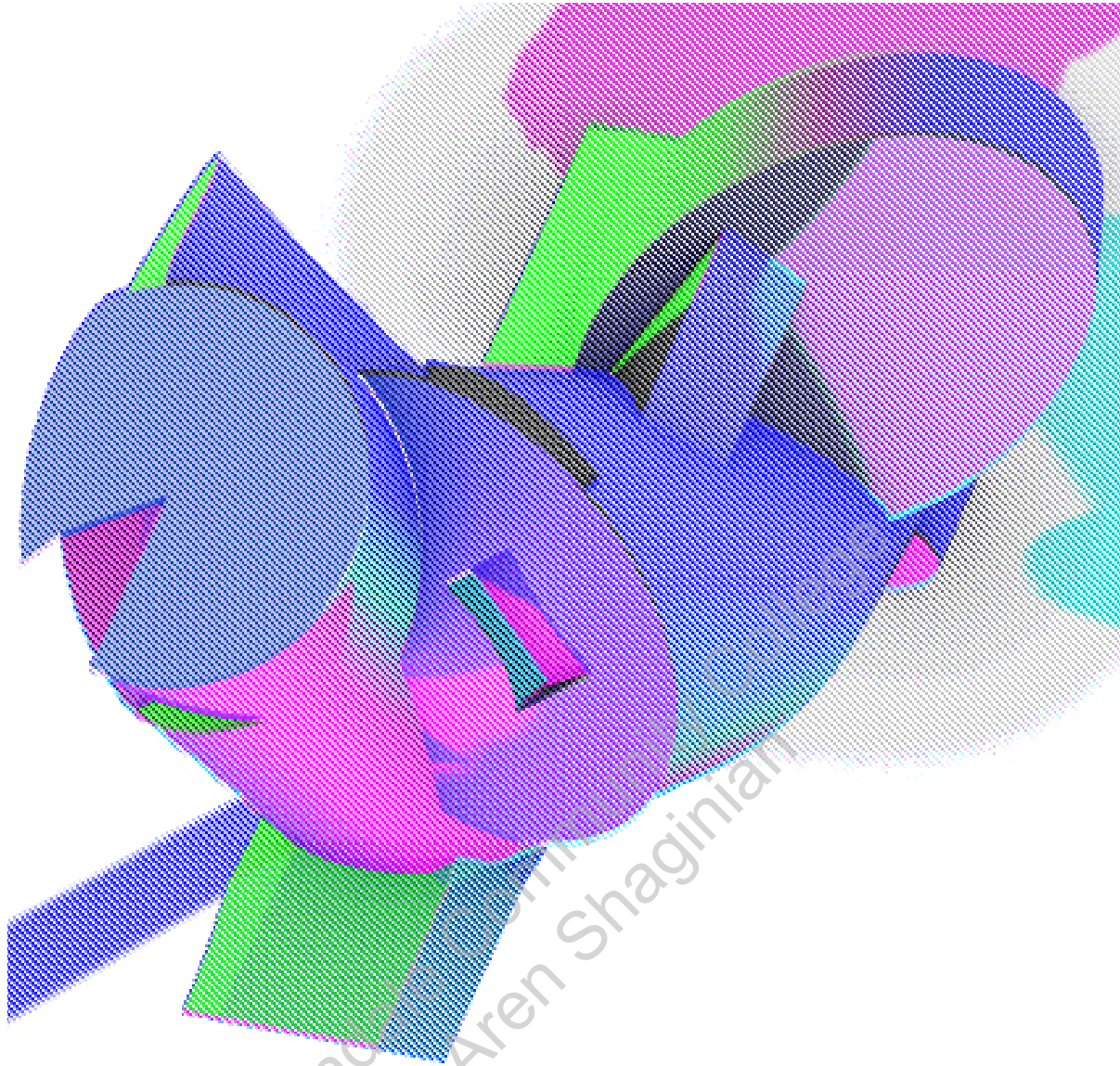
Second option. Modern.

Third option. Abstract.

My final decision: Retrofuturism.

Above are two views of my model made with construction paper and cut with a lazer cutter.
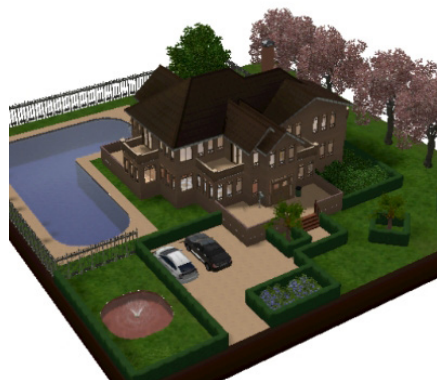
Colored patterns that would wrap around our entire models.

Turntable Animation made with Rhino.

My final product presented at our final thesis. Made with construction paper. Cut with lazer cutter. Patterns were distributed with the use of Pepakura.

Some of my Sims houses.

Me presenting my final model to a panel of judges.

THANK YOU.