



# Industrial Design Portfolio

Audrey Sabbagh

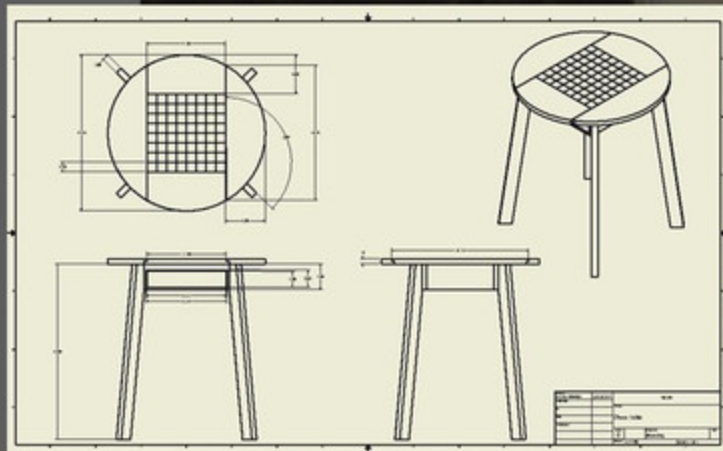
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# Hardwood chess table

## Design Elements

- **Hardwood:** durability, “clack” sound with chess piece placement
- **Circular:** surface for captured pieces, drinks, and snacks
- **Two drawers:** below table top, one for each chess piece colour
- **Blue and natural squares:** visual interest, minimalist aesthetic
- **Standard table height:** multipurpose

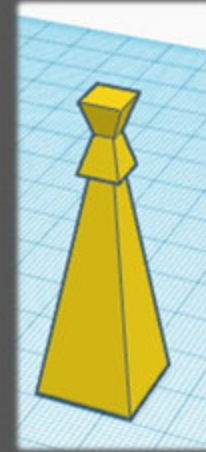
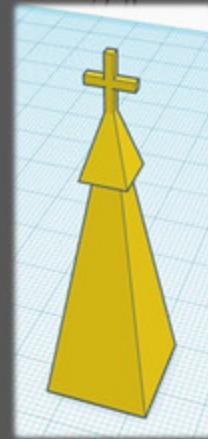
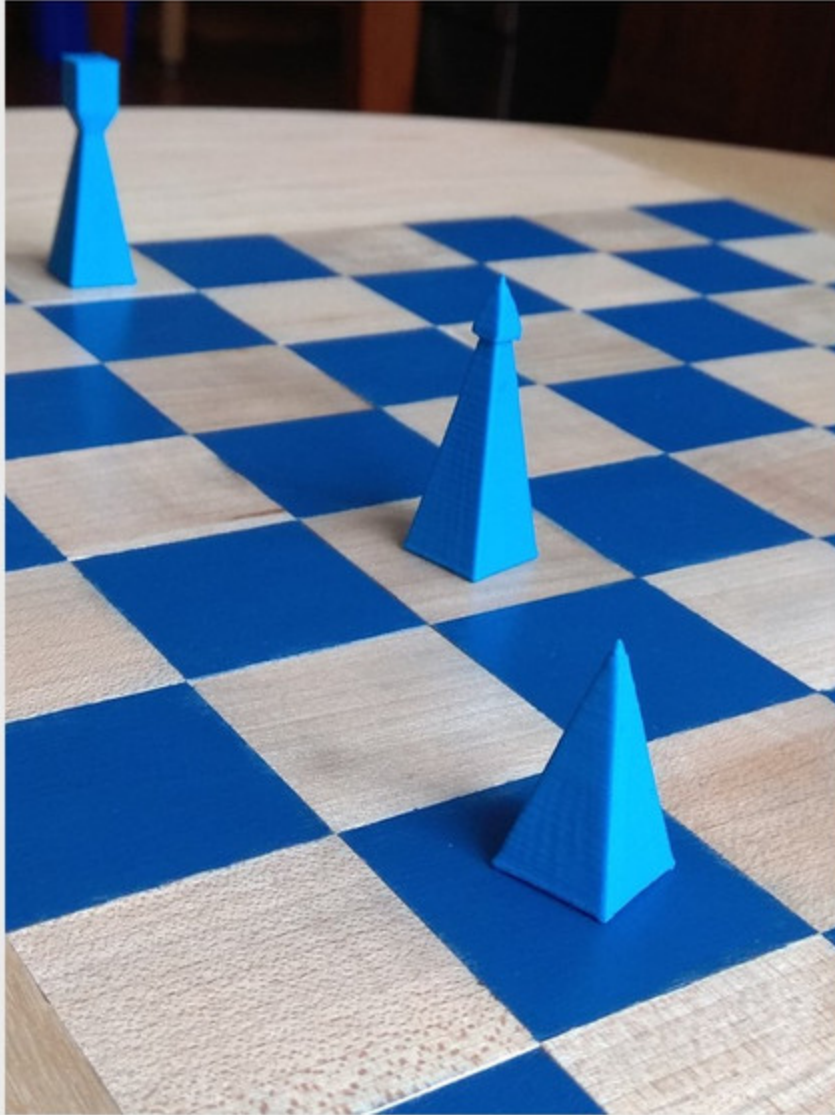


Dimensions: 24"x 24"x 29"





# 3D-printed chess pieces



## Design Elements

- **Square-based pyramid:** geometric and minimalist aesthetic
- **Plastic:** durable, light
- **Blue and translucent:** to complement table colour scheme

Base: 1.5 cm x 1.5 cm  
Pawn height: 3 cm  
Back row height: 4.5 cm  
King and Queen height: 5 cm

## Design Elements

- **Curved detailing:** rustic, homey look
- **Shallow:** to fit comfortably in a narrow hallway
- **Drawers and a door:** hidden storage
- **Shelves and hooks:** store and display items, easy access



Dimensions: 24"x 20"x 9"





# Three-legged stool

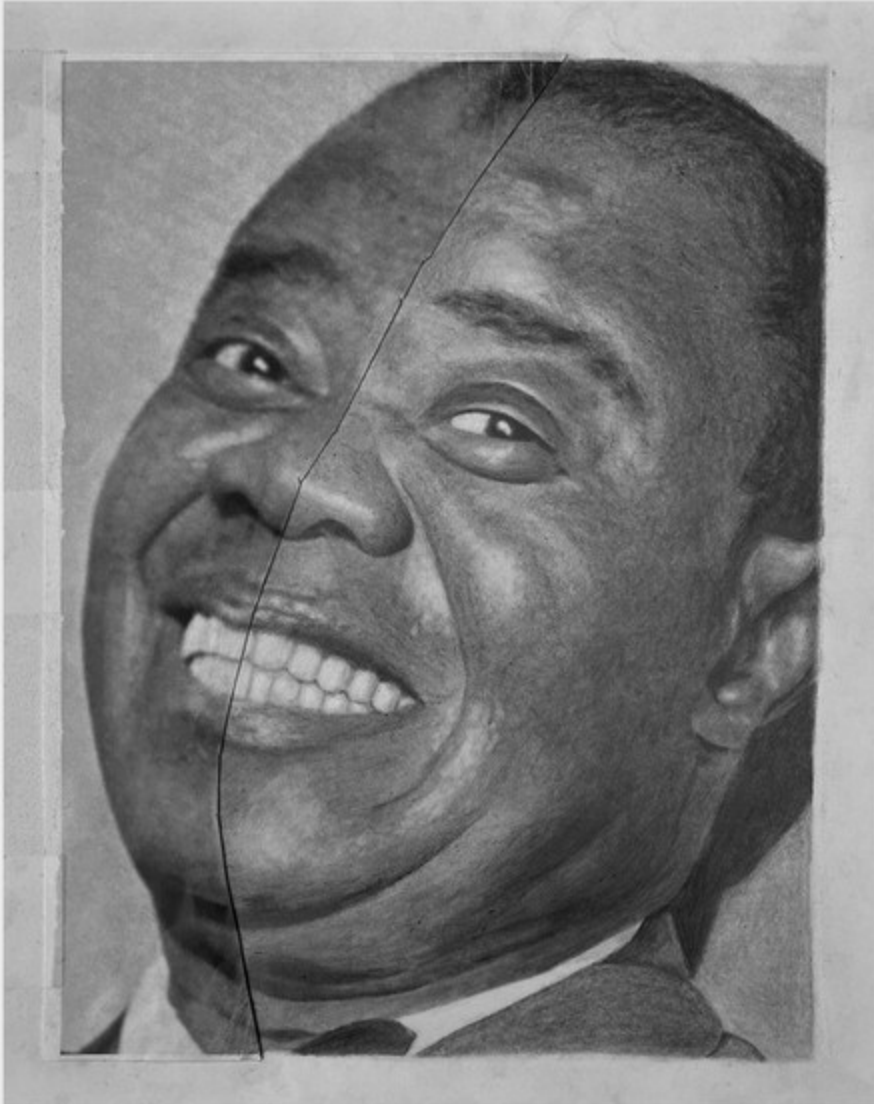
## Design Elements

- **Crossing supports:** stability, visual interest
- **Standard chair height:** comfortable for use at a regular table
- **Three tapered legs:** stability, sleek look
- **Material limit:** 2"x 4"x 6'

Dimensions: 13"x 13"x 19"



# Portraiture—Louis Armstrong



What I love so much about Louis Armstrong is his infectious smile. That is why his smile is central to my portrait of him.

This portrait is half photo, half graphite on cardstock. The line created where the two halves meet draws the eye to Louis' smile.

Photo source: [https://www.biography.com/image/t\\_share/MTE5NDg0MDU0ODgyNTg0MDc5/louis-armstrong-9188912-2-402.jpg](https://www.biography.com/image/t_share/MTE5NDg0MDU0ODgyNTg0MDc5/louis-armstrong-9188912-2-402.jpg)



# Portraiture—Lauren



Lauren is a good friend of mine. I used vibrant colours to accentuate her features. To make her face teal and pink, I used neon cardstock and a sunny window.



4' x 3' acrylic on canvas



# Portraiture—Matthew

Matthew is my little brother. He is the baby of the family, and we have always gotten along well. I painted him in the style of a baroque king, since my family often jokes that he is the spoiled one. Acrylic on 3' by 4' masonite.

*Charles I in Three Positions* by Anthony van Dyck

Image source:  
<https://www.rct.uk/collection/search#/20/collection/404420/charles-i-1600-1649>





# Portraiture—Sketches in chalk pastel



These quick sketches in chalk pastel capture instants of people the way I saw them.

On the left, a few strokes replicate my grandma's rare, genuine smile as I saw it at her 83<sup>rd</sup> birthday party. On the right, my friend, in a moment of calm focus beside me in class, is immortalized by some lines and smudges.

I used vibrant colour to express emotion and highlight key features





# Portraiture—Analytical cubism



This self-portrait was inspired by *Girl with a Mandolin* by Pablo Picasso. It features me with my harp. I used neutral colours and fractured shapes to replicate the early cubist style.

Chalk pastel and watercolour on 18"x 24" newsprint.



# Portraiture—Synthetic cubism

This portrait of my older brother was inspired by *The Weeping Woman* by Pablo Picasso. It is made up of four angles of my brother's face merged together. I used bright colours and heavy lines to replicate the synthetic cubist style.

Acrylic on 24"x 20" canvas.





# Textiles

## Potato PJ Pants

To make these pants, I started with a unisex pyjama pant pattern. Because I'm really tall, I lengthened the pattern above and below the knee. To improve the fit, I used a French curve to shorten the rise at the front.

## Crocheted Beret

I was learning how to crochet socks from a YouTube video when I realized that I could use the same technique to make a hat. So I did!





# Cardboard reproduction of portrait by Schiele

I first saw *Portrait of the Painter Karl Zakovšek* by Egon Schiele at the Neue Gallery in New York City a few years ago. I was captivated by the long, bony fingers and the invisible chair.

To recreate this portrait, I took apart layers of cardboard from my recycling bin and experimented with the different textures I could create. I used varying colour tones of cardboard to further differentiate between textures.

Dimensions: 24"x 14"x 3"



Audrey Sabbagh



Image source: <https://upload5.wikiart.org/images/egon-schiele/portrait-of-karl-zakovsek-1910.jpg!Large.jpg>

*Portrait of the Painter  
Karl Zakovšek* by Egon  
Schiele



# An arrangement of “God Rest Ye Merry, Gentlemen”

At Christmas, I arranged for harp one of my favorite carols, “God Rest Ye Merry, Gentlemen”.

The first half of the arrangement is in a minor key with fast and low harmony, giving it a dark sound. The final phrase of each verse ends in a deceptive cadence, adding to the anxiety created by the movement.

The second half of the arrangement is a variation on the original song, but in a major key. The high, twinkling melody combined with the bright harmony gives it a peaceful, crisp sound.

The story told by this piece of music is that of a journey from anxiety to peace. It is a reflection of the way I feel going into the Christmas holidays after the stress of a busy December. It was also inspired by the first line of the song:

*God rest ye merry, gentlemen;  
Let nothing you dismay.*

You can listen to me play the piece at  
<https://youtu.be/aj8mo8aMYPA>

## God Rest Ye Merry, Gentlemen

Traditional English  
arr. Audrey Sabbagh



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# The harp shoe—Design

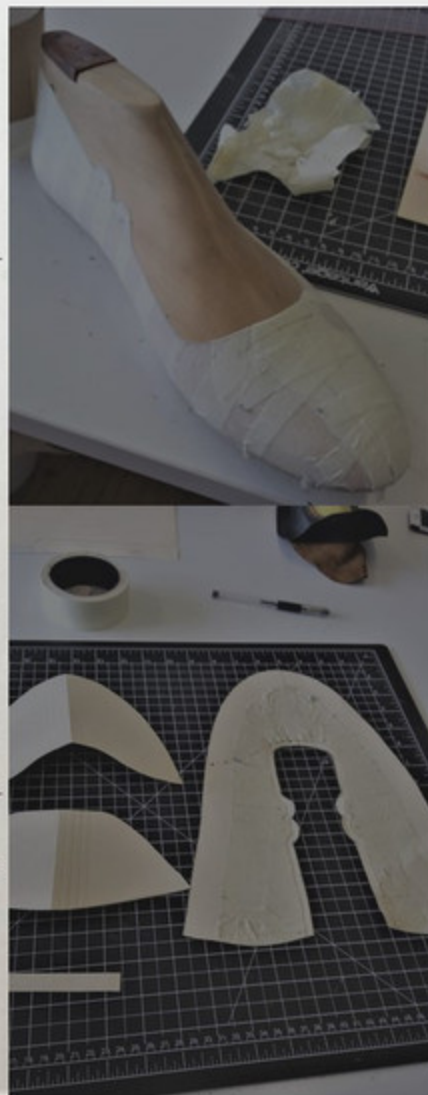
## Design #1

- Black leather upper
- Black leather sole
- Black round lace

- Slippery sole for pedaling
- Lace to hold foot in place
- Low cut for comfortable ankle movement

## Design #2

- Canvas upper  
↳ different colour sections
- Brown leather sole
- Brown ribbon lace



The harp might not be thought of as an instrument that requires specific shoes to play. But in fact, harpists need to slide their feet from pedal to pedal very quickly as they play.

Because I'm tall, pedaling in high heels is uncomfortable for me, but all the flats I tried prevented sliding because of their rubber soles. So, I came up with my own design for a dress flat with a leather sole.



# The harp shoe—Construction

