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CGT 116 Spring 2023  
Triplet

# Research

After researching how 3d modeling is used in web design, I found that many times a model is used on the home page to introduce a business or product in a way that is more visual and concrete. It gives the user a better idea of what product or service you are trying to sell. For my final project, I decided to use these same ideas for my personal portfolio. I wanted to create a model that would give the user a visual to get to know me better as soon as they opened the page. I wanted a model of myself to be working at a desk, surrounded by objects that would represent my personality. I felt like it was the perfect use of 3d modeling for a portfolio, and would give me something valuable to use even after my time in this class is over. Here are the links to websites that inspired my project and gave me a better idea of how to implement it:

[10 Cutting-Edge Uses of 3D in Web Design](#)

[Idea Inspiration](#)

[Introducing Motion Effects: Powerful Animations to Bring Your Site to Life](#)

[Sample Models for Websites](#)

[Sample 3D & Animated Websites](#)

# References

## Ideation & Inspiration



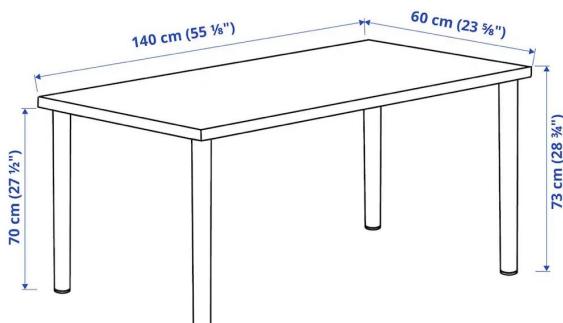
# Model References

## Measurements

**Length:** 140 cm

**Width:** 60 cm

**Height:** 73 cm



## Measurements

**Tested for:** 243 lb

**Width:** 20 1/2 "

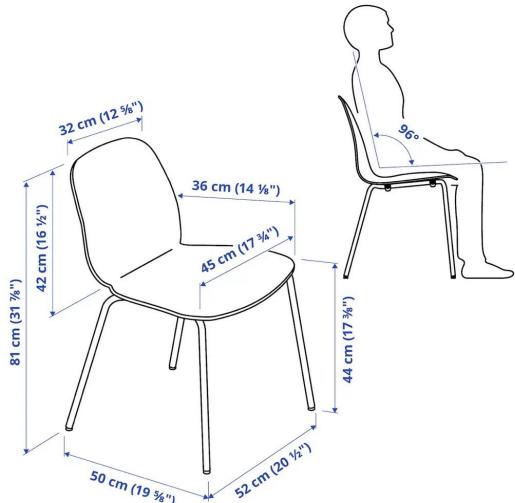
**Depth:** 19 5/8 "

**Height:** 34 1/4 "

**Seat width:** 17 3/4 "

**Seat depth:** 14 1/8 "

**Seat height:** 18 1/8 "



**Height:** 0.61 inch (1.55 cm)

**Width:** 12.31 inches (31.26 cm)

**Depth:** 8.71 inches (22.12 cm)

**Weight (M2 Pro):** 3.5 pounds (1.60 kg)

**Weight (M2 Max):** 3.6 pounds (1.63 kg)



## Measurements

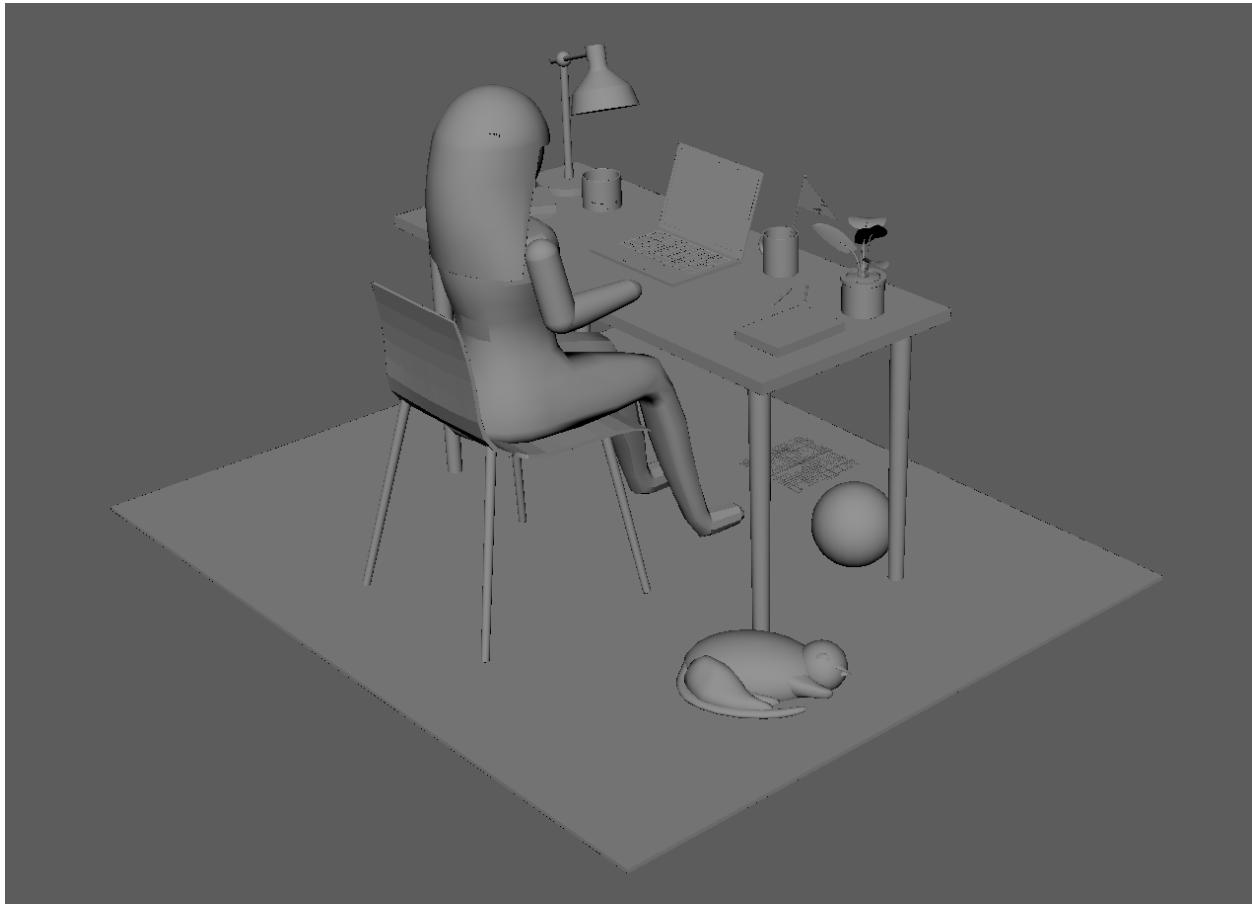
**Height:** 17 "

**Shade diameter:** 7 "

**Cord length:** 5 ' 3 "

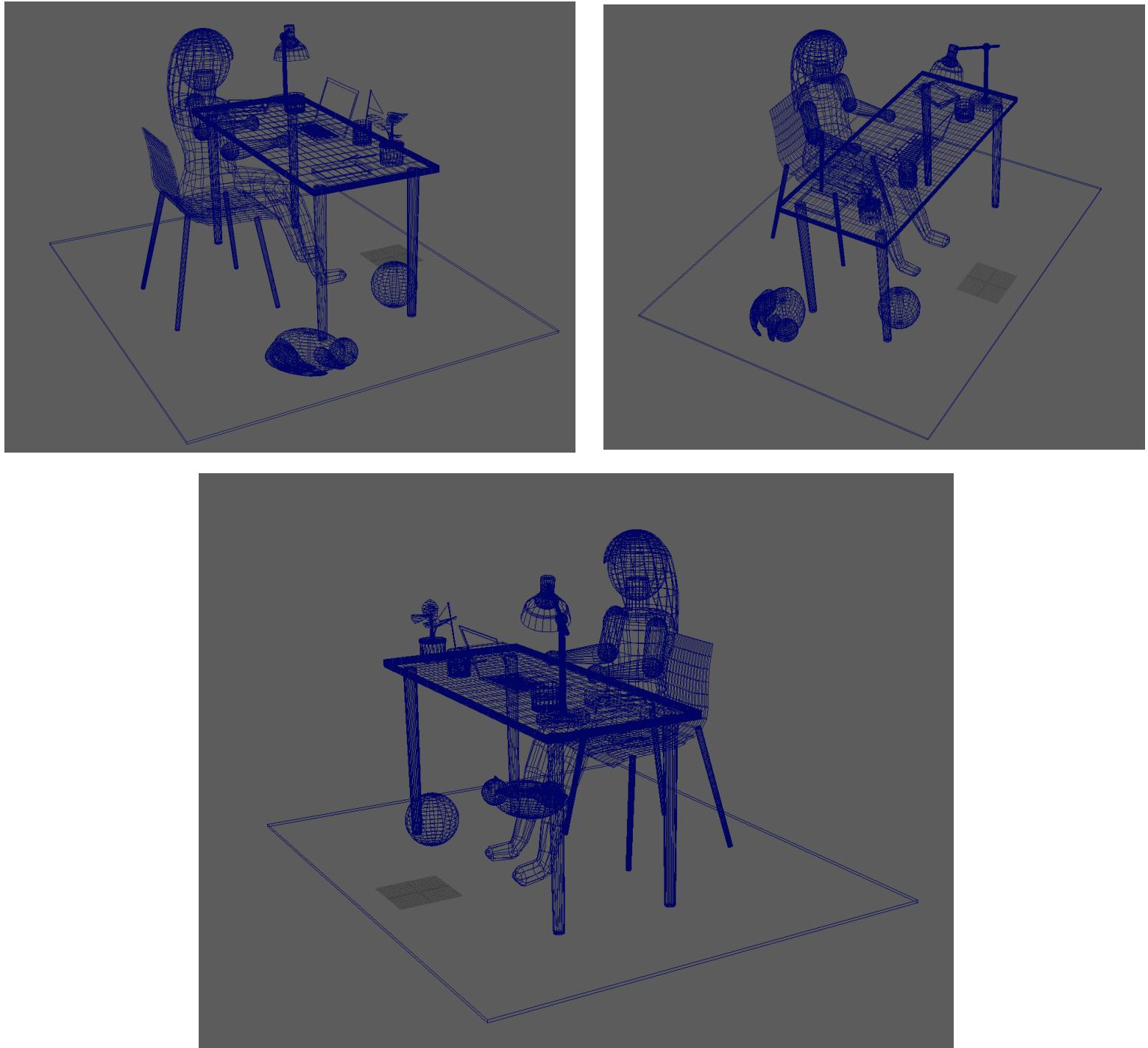


# Block Out



# Final Model

Wireframe



## Adding UV & Textures



Considering the style of my portfolio, I decided to focus much more on a color palette than adding detailed textures. I liked the idea of making the corporate art style more fun and personable through using 3d and a specific color palette.

## Final Lighting Setup



## Final Render & Application

ABOUT PROJECTS CAREER SUMMARY

EMMA BARNETT

Desktop - 2

PURDUE UNIVERSITY  
Web Programming & Design, BS  
Psychology, Minor

ABOUT ME

The image is a composite of several elements. At the top, there's a 3D rendering of a character with blonde hair sitting at a white desk, working on a laptop. The desk has a lamp, a small plant, and some papers. Below this is a large, stylized name "EMMA BARNETT". To the left of the name is a circular inset containing a real-life photograph of a young woman with blonde hair, wearing a dark green t-shirt with "PURDUE" printed on it and blue jeans. To the right of the name, there's text about her education: "PURDUE UNIVERSITY" followed by "Web Programming & Design, BS" and "Psychology, Minor". At the bottom right is a button labeled "ABOUT ME". On the far left, the text "Desktop - 2" is visible. A small downward-pointing arrow is located between the 3D character and the real photo.