

FINAL PROJECT

BY DANIELA



DANIELA

ABOUT

PROJECTS

CONTACT

DESIGNER ID



NAME: **daniela carolina marin**

BACKGROUND: venezuelan american

ABOUT: NYU student studying technology and design

TRAITS: creative, detail-oriented, curious, problem-solver, collaborative

SKILLS: adobe creative cloud, css, html, excel, figma



Handwritten signature

REAL



MARIN



Implementation:

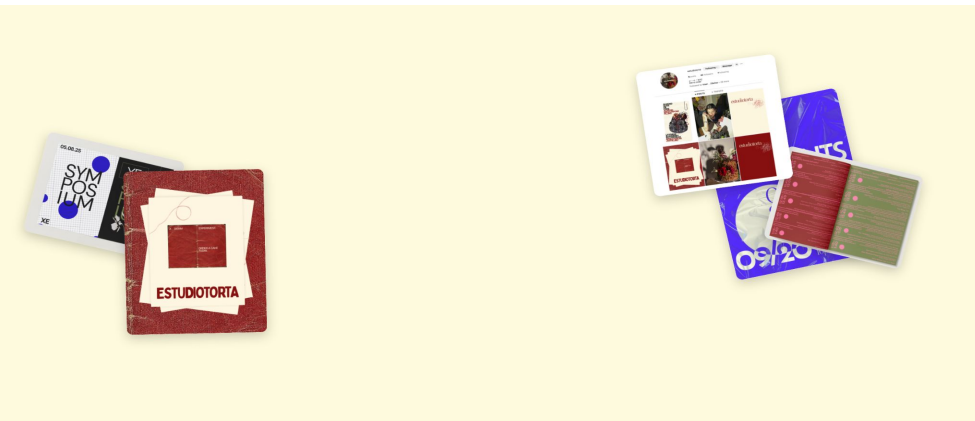
- Custom JS array and loop to scatter my graphic designs across the page dynamically. I animated the scattered images with GSAP Scroll Trigger as the user scrolls. I wrote my own CSS and JS layout logic. I used a `forEach` loop to create image elements on the page and `Math.random` to assign each image a random position and rotation giving a scattered effect. I used GSAP scroll trigger plugin with a `fromTo` function that sets each images scale.

Improvement:

- Original design: simple image grid
- Improved by adding custom animation-based layout using GSAP

Challenges:

- Figuring out how to position and overlap multiple images randomly/ Images were not displaying initially due to opacity and class conflicts (`.gs-reveal`)



Show Me a Graphic



Implementation: Uses a JS function that randomly selects an image and title from an array and displays is dynamically on button click. I used GSAP to animate the fade-in and upward motion of each image reveal.

Improvement: I wrote the logic to shuffle the array and avoid repetition



Chai Spice Cake

Vanilla Chai Cake, Brown
Butter Salted Dark
Chocolate Espresso
Frosting.



Passion Fruit Cake

Passion Fruit Sponge
with Passion Fruit Puree
Filling and Buttercream.



Lavender Cake

Almond Olive Oil Cake
with Creamy Lavender
Blackberry Buttercream
and Jam Filling.



Salted Espresso Cake

Salted Chocolate Cake
with Espresso
Buttercream.

Implementation: I used Bootstrap's responsive grid system to ensure consistent card sizing across all breakpoints. I added custom card hover effects with CSS including colored glows and font pairing improvements. Google fonts for title and description font changes were implemented.

Improvement: My earlier version used unevenly sized cards and minimal styling without any effects. I improved columns added hover interactions.

Media Queries



Chai Spice Cake

Vanilla Chai Cake, Brown Butter Salted Dark Chocolate Espresso Frosting.



WHAT I LEARNED + NEXT STEPS

- Implement GSAP animations to enhance interactivity
 - How to randomize image layout using arrays and custom logic
 - How to integrate BS grid system while still customizing it
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- Add to UX section and make interactive with video and prototype embeds
 - Add loading animations for better transitions
 - Expand cake section into interactive gallery with more hover effects