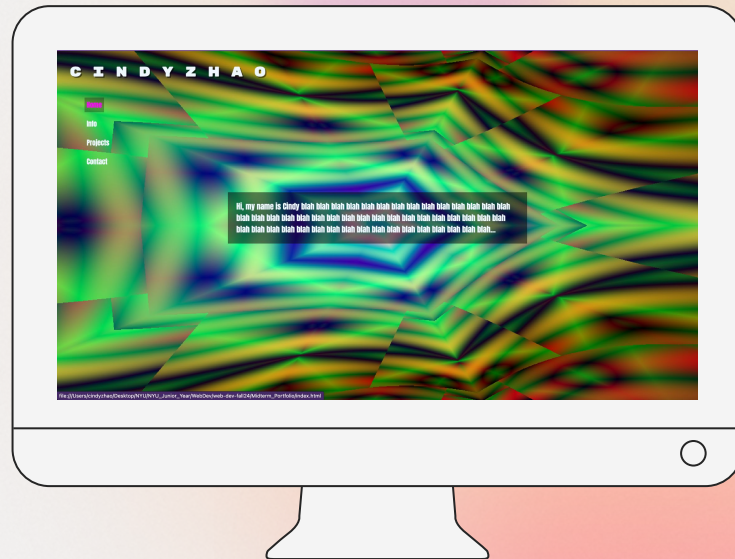


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# Portfolio Presentation

Cindy Zhao



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# *01*

## Demo of Site

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*02*

**Something I  
learned**

---

# Importing Hydra into HTML Canvas

- ❖ Learned how to import different Hydra instances into different HTML files
- ❖ Hydra is a visual synthesizer library in JS that allows for real-time visuals to be generated
- ❖ I used JavaScript to create the Hydra instances
  - **var hydra = new Hydra(...)**
  - The code inside the parentheses ensures that Hydra will render through the HTML canvas, and disable both audio and screen capture (just because I didn't want those features for my website visuals)
- ❖ After Hydra is initialized in the `<script>` tags, I can then code my visuals and those will be rendered onto my desktop canvas through the canvas id

`<script>`

```
var hydra = new Hydra({
  canvas: document.getElementById("myCanvas"),
  detectAudio: false,
  enableStreamCapture: false,
});
```

```
osc(40, 0.1, 1)
  .modulateRotate(noise(() => Math.sin(time / 5)))
  .diff(osc(20, 0.5, 0.1))
  .out(o0);
render(o0);
```

`<script>`

```
canvas {
  /* setting margin and padding to 0
  margin: 0;
  padding: 0;
  z-index: -100;
  position: absolute;
  left: 0;
  right: 0;
  top: 0;
  width: 100%;
  height: 100%;
  display: block;
}
```



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# *03*

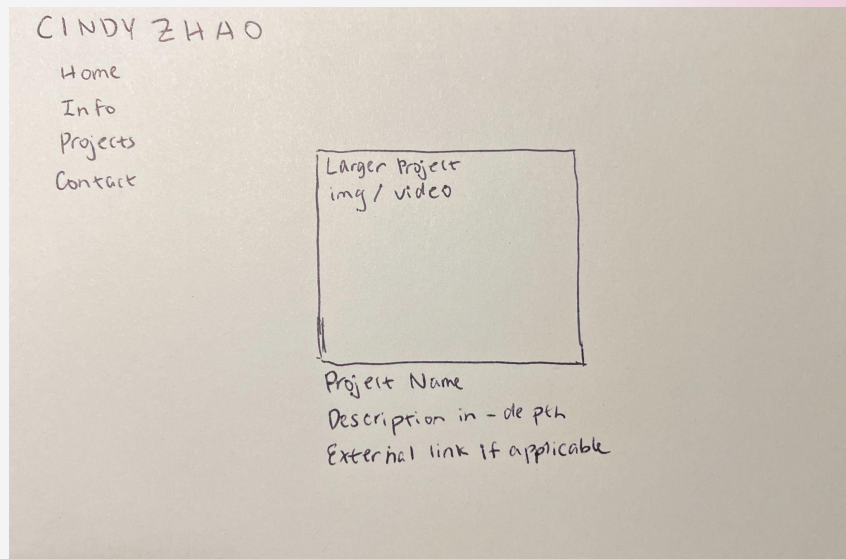
## Next Steps

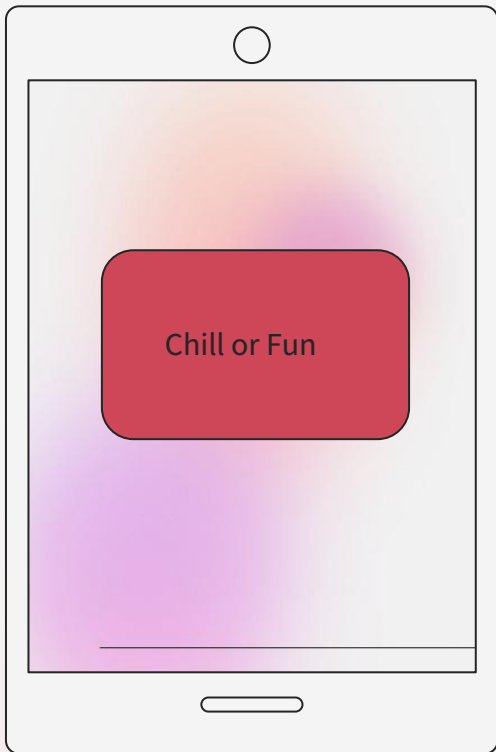
---

# An In-depth Page For Each Project

I want the *Learn More* button on each project to lead to its own page within my website. I'd want the wireframe to look something like this...

If it's a project with multiple pages, I was thinking about also making the larger square a scroll bar too



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```
if (toggle == on) {  
  mode = "chill"  
  // code to make visuals chill  
}  
else {  
  mode = "fun"  
  // code to make fun  
}
```

# User Interactive

I'm also interested in making toggles that could switch my visuals to a more subdued version for those of my viewers who are more sensitive to bright, moving screens

# Thanks!

**CREDITS:** This presentation template was created by [Slidesgo](#), and includes icons by [Flaticon](#), and infographics & images by [Freepik](#)