Part 1: Introduction

The purpose of my website is to provide professional information about myself and present a showcase of my work. The website has three sections: *About, Work,* and *Journey. About* gives a brief introduction to what I do professionally. *Work* showcases my projects with image previews and short descriptions. *Journey* presents a timeline of my professional activities in college. The target audience are recruiters. The website incorporates a moderate amount of animation to make it interesting and engaging while not distracting users from the main content.

Part 2: Interactions

- Scroll to see different sections appear (*About, Work, Journey*)
- Hover over each project to see project description in *Work*
- Click on each project to access the individual project page (only *Mission Control Interface Design* is linked to an individual project page for now)
- Click on each navbar item to jump to a corresponding section
- Click on logo to open resume in a new tab
- Click on video images in *Journey* to watch the video in a new tab

Part 3: JS Libraries

- I. Name of tool: ScrollReveal
- II. Why you chose to use it? I wish to add animation when scrolling and this js library does the job neatly.
- III. How you used it? I added the library in the head of html and added custom animations to individual items in my js file.
- IV. What it adds to your website? It adds animation to items that appear when scrolling.
- I. Name of tool: TimelineMax
- II. Why you chose to use it? I wish to add a sequence of animations to the introduction and TimelineMax does the job neatly.
- III. How you used it? I added the library in the head of html and added custom animations to the hero image in my custom.js file.
- IV. What it adds to your website? It adds a series of animations to the hero image.
- I. Name of tool: jQuery
- II. Why you chose to use it? I wish to link each workpiece to its individual work page, which involves making a div clickable, and the best way to do so without messing up the entire design is to add an event handler using jQuery.
- III. How you used it? I added the library in the head of html and added "click" event handlers to the custom.js file.
- IV. What it adds to your website? It makes each workpiece under *Work* linked to its individual work page.
- I. Name of tool: Materialize
- II. Why you chose to use it? I wish to create parallax effects in my individual work page and *Materialize* does the job neatly.

- III. How you used it? I added the library in the head of html and added parallax effect in work.js
- IV. What it adds to your website? It adds a parallax effect to images in the individual work page.

Part 4: Changes to Mockups

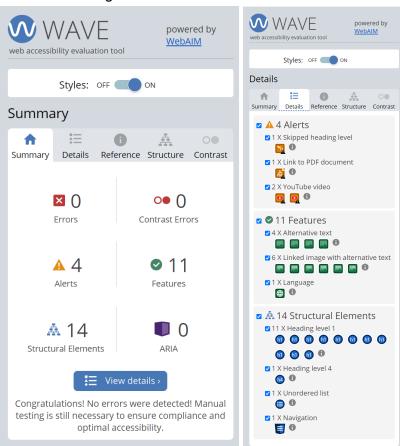
- I added a fixed navigation bar to the top so users can quickly jump to a section.
- I changed the carousel design for projects to a panel design, so I can show more information for each project rather than just images and titles
- I changed the introduction animation to include a picture of myself since I wanted to show a little bit of myself outside of my professional life.
- I changed the color theme to black because the WAVE tool pointed out that there wasn't
 enough contrast between my text and my previous background color.

Part 5: Challenges

I had trouble starting on the implementation of every section. I had never coded any websites with the level of interactivity and animation I planned to achieve. However, I was able to find many useful resources and js libraries online to help me realize the design.

Wave Report:

Home Page



Individual Work Page

