### **Activity 2 - Research**

**Description**

This series digs into the things you need to write larger and larger applications with JavaScript. This is where it gets real! Let's look at a few more practical applications of JavaScript and learn about a few useful tools that are widely used in the industry.

<https://youtu.be/4muUsDsohwM>

## Learning More About the Z and F Layouts

Choosing a layout is an important aspect of creating an effective web site.

Here are two links that go into more detail about the Z and F layouts:

1. [Z Layout](https://webdesign.tutsplus.com/articles/understanding-the-z-layout-in-web-design--webdesign-28)
2. [F Layout](https://webdesign.tutsplus.com/articles/understanding-the-f-layout-in-web-design--webdesign-687)

Choose one article to read, and answer the following questions based on the article that you chose:

1. How does this layout mirror behavioral tendencies?
2. What are the benefits of using this particular layout?
3. How might you use this layout to develop your interactive resume?

Research Areas

<https://skillroads.com/samples>

<https://skillroads.com/blog/resume-summary-or-objective>

<https://skillroads.com/blog/how-to-write-a-high-school-resume-for-college-application>

<https://skillroads.com/blog/how-to-write-resume-work-experience-section>

<https://skillroads.com/blog/things-you-should-never-put-on-your-resume>

<https://skillroads.com/blog/top-soft-skills-for-resume-employers-value-the-most>

<https://skillroads.com/blog/your-first-resume-with-no-work-experience-guide>

<https://skillroads.com/blog/creative-resume-examples>

Now that we have a resume draft, we need to create a resume layout to use for our online version. Take a look at the resource available in this exercise for some ideas of how to style and design a creative resume layout.

Answer the following questions in the next exercise:

1. Did any of the resume layouts stand out to you? Which ones? Why?
2. Did the layouts that stood out to you follow the general principles of web design? Why or why not?
3. How might you turn one of those layouts into a website?
4. In what context would it be appropriate to use these layouts? For example, would you use any of these when applying for a job at your local movie theater? Why or why not?

## Sample Interactive Layouts

Here are two examples of interactive resumes:

1. <https://codehs.com/editor/html/2472411/528275/index.html>
2. <https://codehs.com/editor/html/2474246/528275/index.html>

Take a look at the resumes and consider the following questions:

1. What makes this a good interactive resume?
2. What could make it better?
3. Use the inspect tool to look at the HTML file:
   * How are the websites organized?
   * How would you construct your interactive website?
4. How do these websites use visual hierarchy to convey meaning?
5. How would you describe the website's overall form? Think in terms of the Gestalt Principle.
6. What are some takeaways that you can use for your own interactive resume from these examples?