

Career Readiness Challenge

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Location: Henderson Nevada, Pinecrest Cadence (Middle school building)

Why We Choose A Web Developer

We chose a Web developer because they help maintain and create the websites that we use everyday. They use their knowledge of web development to make things like robots and many other things like coding websites and information videos. They are truly amazing because they created almost everything on the internet. They even create objects using coding and their own special design process. Their design process consists of six steps, informational gathering, structure, design, build, test, and launching. Like their design process, ours also has six steps, those being define a problem, generate concepts, develop a solution, construct and test prototype, evaluate solution, and present a solution.

Resources Found From a Web Designer

Web designers use many different resources to make websites, like Chrome devtools, PHP and wordpress development, HTML and CSS (for web publishing), adobe illustrator, adobe animate, adobe photoshop, etc. They use these tools to make complex websites and to maintain them easier with these tools. The hardest thing a web designer does is called scope definition, which is when their idea gets more expansive and they start to think of more thing add or do to their websites. With the power of the design process, web designers can use resources like photoshop to create and maintain websites.

How Web Designer Professionals Use the Design Process

First, web designers have to come up with the idea on what website to make and how they will start to make the website. It shows what the end product will be or what you expect it to be. Defining the scope is the most difficult but important part of the design process. It is very unpredictable. It could get destroyed, or turn out just as you want it to be. This will most likely help you in the long term. Now that Web designers have an idea, they will create a sitemap and wireframe, which shows how your website will be. Next is your foundation, which is where your try to catch the viewers attention. Afterwards, they have to add visual content to make the website more exciting. Now they combine all of the content together and make the website, then publish it to the internet.

Difference Between Our design Process And Web Designers

There are many differences between our design process and Web Designers web process. The first difference is that our design process is for building robots and coding, or making a new idea/build. Web designers are more for coding than building real life objects. The second difference is that ours is less complex and easier to do than Web Designers. The third difference is that Web Designers make more complex websites or coding that makes things efficient while we build robots and make coding to operate the robots. In conclusion, web designers have a very different design process, but is equally as useful as ours.

How robotics Had Prepared Me For The Future

Robotics will prepare us for the future in a lot of way. One way is that it will introduce us into coding, problem solving, and building complex designs. This will also let us take a deep dive into what it's like to compete in a educational way. Another way is that it will help us all become more advanced in the building community and how they work. This will also teach us to work together, even with strangers. This shows us that we can multitask and thrive in many different ways and adapting to teamwork and what we can do if we all work together and on different things. Robotics has and will help us with many things in the future of our choice of career.

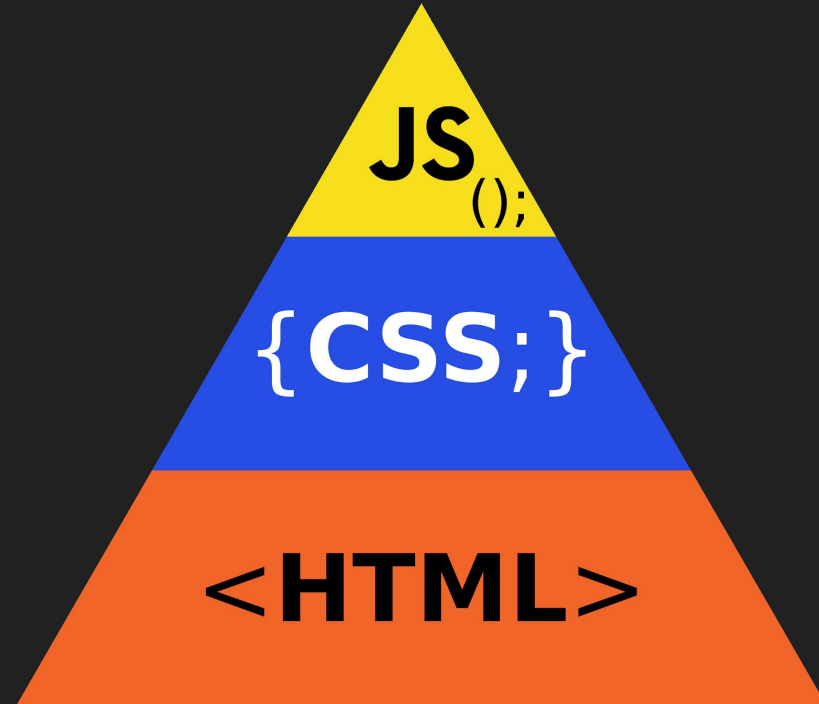
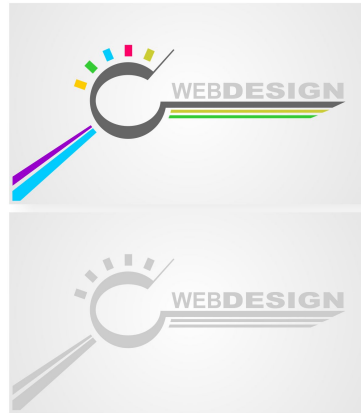
Fun Facts

- Ethan Marcotte was the first to introduce responsive design.
- The average smartphone user checks their phone over 150 times a day.
- There are 4.66 billion active internet users worldwide.
- 1 in 4 businesses don't have websites.
- Images and videos can be good and bad.
- Exit popups actually work on a website.
- 50% of websites viewers use the menu.
- You need contact information on your website its essential.
- Lists are better than paragraphs.
- Users are willing to wait three seconds to have the website load.

Conclusion

Web designers work very hard, and deserves more respect than they have now. We have many similarities and differences, but I believe that they do much more than we do for society and communities. They create websites that we use every day, while we create robots for competitions in the VEX community. While us robot builders are making super cool robots, web designers are out there making things that people use everyday around the world. In conclusion, web designers work very hard everyday, and for a good reason: making us awesome websites for us to use on the daily, some even creating the VEX website we use!

Example Pictures



Sources Cited

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