

Phoebe Wise '23

12/8/21

Honors Engineering and Design

Coding design project review

This project was very interesting to do although I had little experience with coding. The only other coding experience I had with coding was in lower school I did a coding club. I had some setbacks in class because I would get behind and then did not know how to catch up because everyone was so ahead of me. During the project, I had to troubleshoot my design multiple times because each time I did not like the final configuration. Once I came up with an interesting design I had trouble placing it in photoshop and making it into a gif. I had separated my design into 16 different layers for everything to be in the correct position. After I worked on the different layers in a workshop class I was able to correctly get my design to move around the page in a continual loop. I really liked how this turned out but I was not fully pleased. Once I was able to figure out how to make a gif I doubled the frames so that when a person looked at my gif it had a mesmerizing effect. This small step added a really cool touch that drags a person's eyes to my code.

My original work was for different squares with increasingly smaller different colored stars inside. I then chose a color theme and made four different shades of blue and green rotate without the squares and stars. Once I made my code I was not satisfied and changed the two by two design into a continual loop of the squares, filling the whole page. Although this process took more time than I expected it was really fun to try something new and code different designs. Once I shared my design with the class my partners said that the shapes were very mesmerizing. One girl also said she thought my idea was very unique and she loved the color choices.