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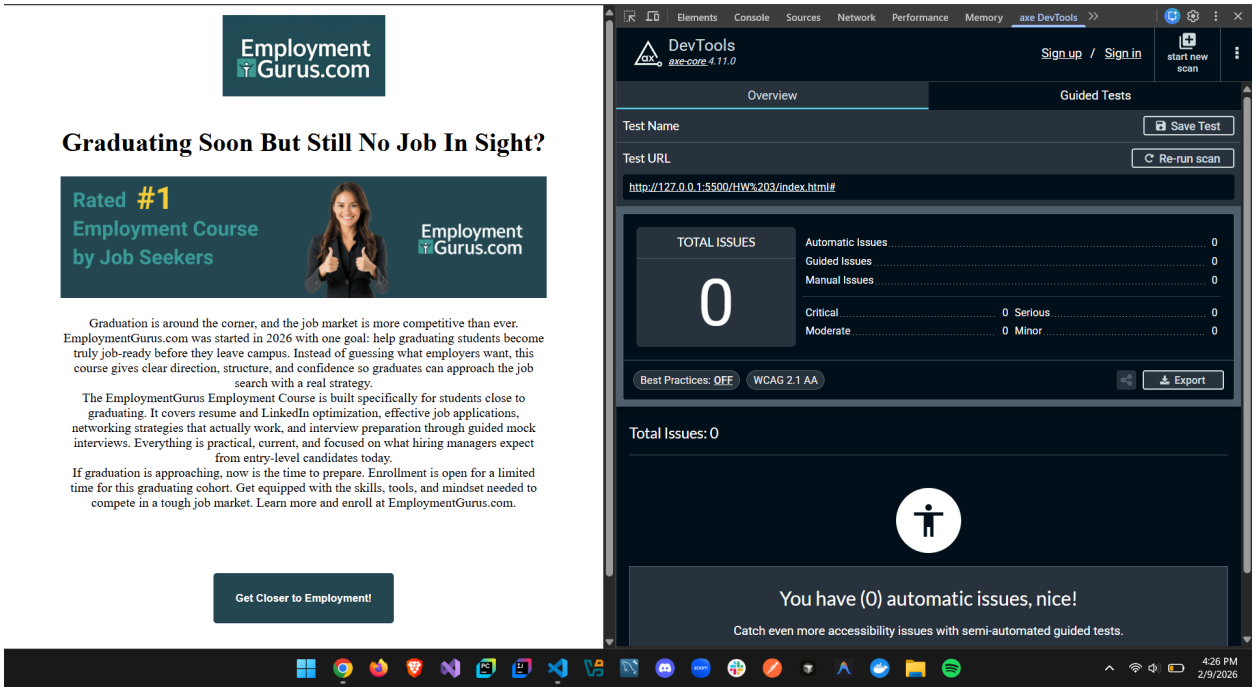
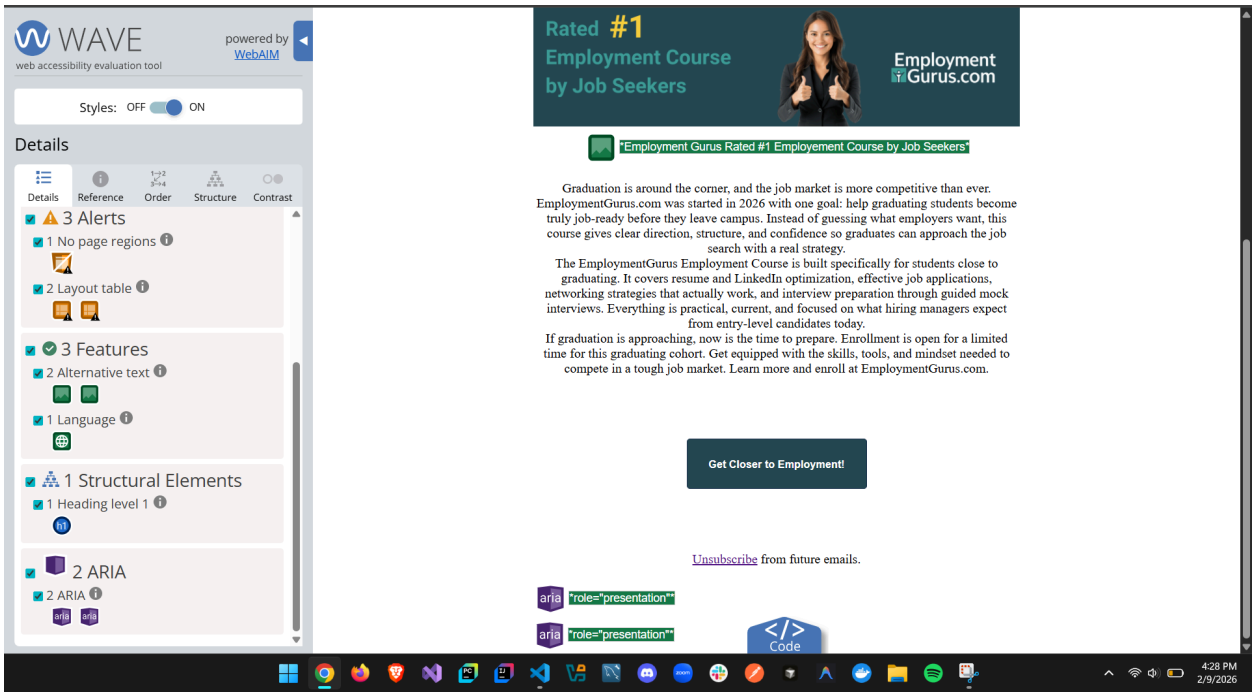
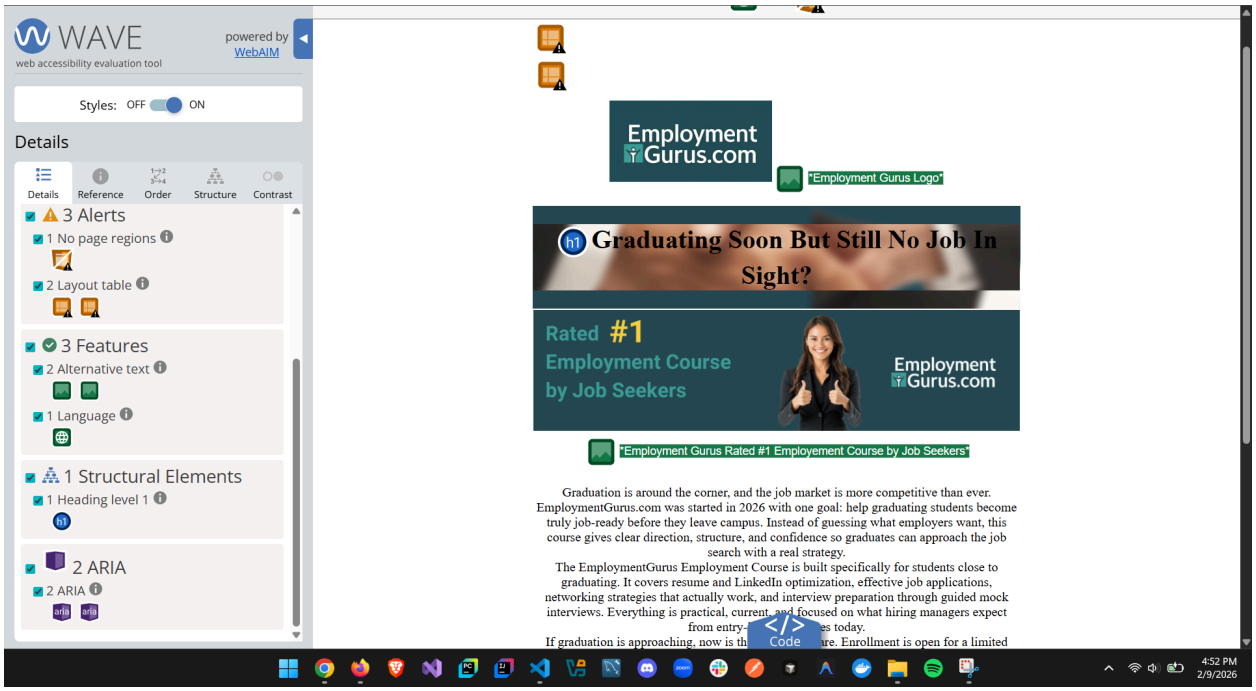
Professor Marin
Comp 584
February 13 2026

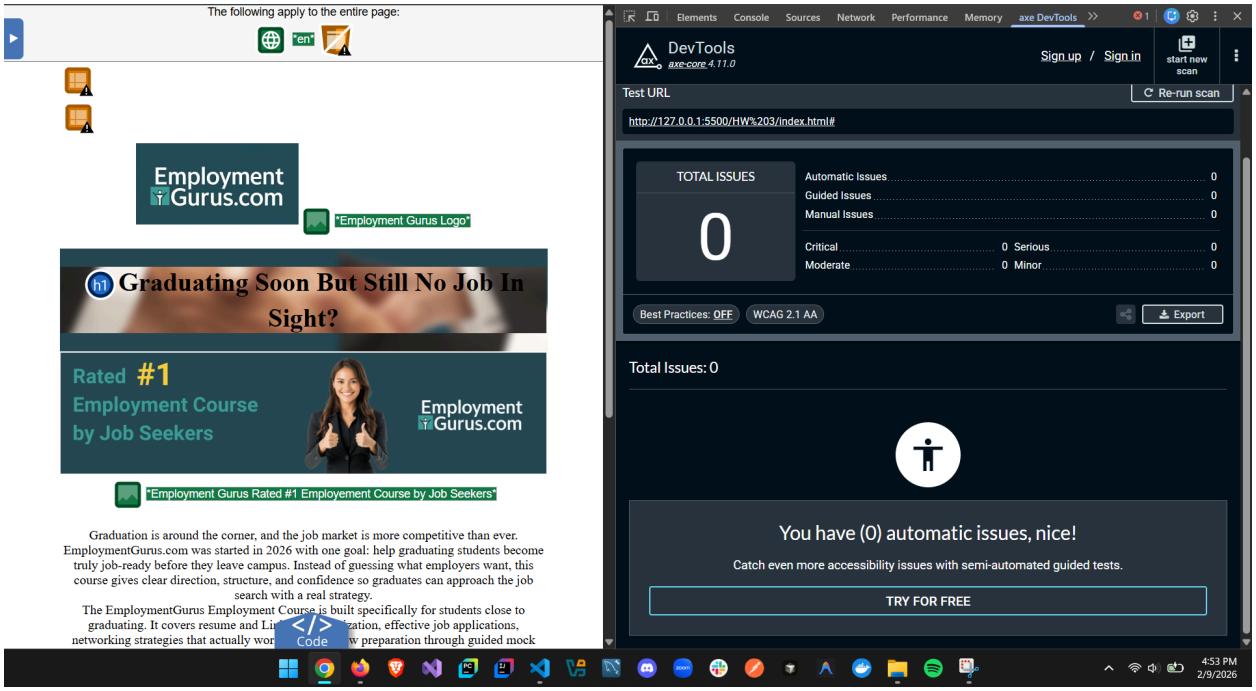
HW 3

Axe & WAVE Accessibility Checkers





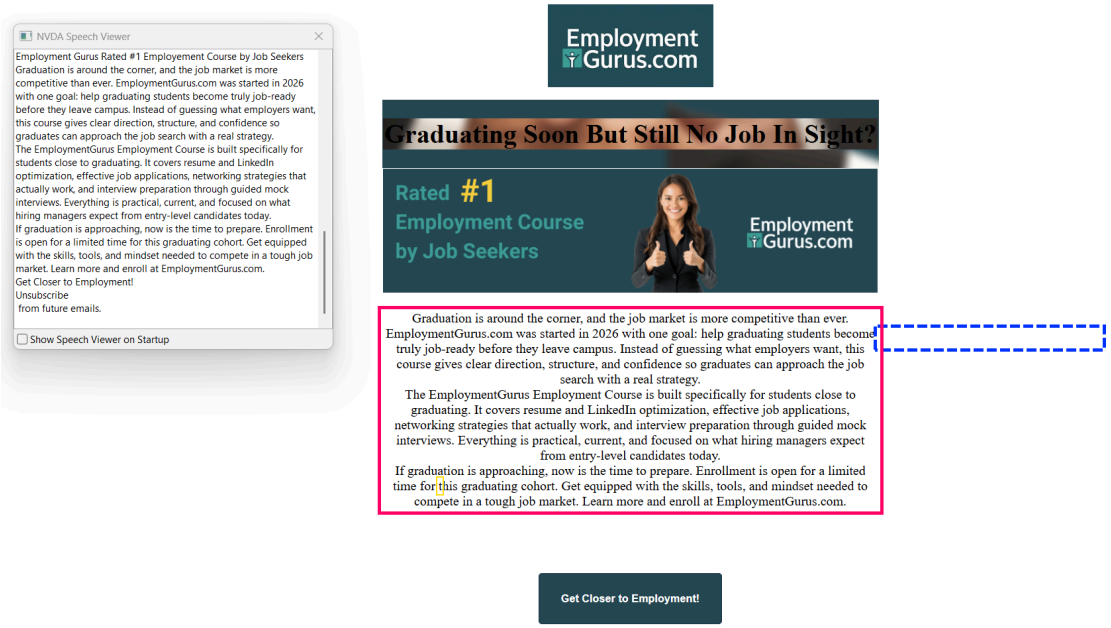




For basic accessibility rating of the website I used Chrome Extensions, Axe and WAVE, which assess the accessibility of the site. First, Axe shows the total number of issues. As shown in the image, I had zero issues since I had basic accessibility features like using alt with images and having the correct role for ARIA in the tables. I also took it out to see how it would change, and it showed the errors, so I know that it works. Then I used WAVE, which provides a more detailed overview of the site. It highlighted the pros of my website being the two alternative texts for the images and the use of two ARIA roles which are useful and necessary for screen readers. WAVE

also highlighted the layout table structure we used with the two tables within each other, and highlighted how it is an old/deprecated way of doing things. The pros of the Axe and WAVE tools were that they highlighted the different structural parts of the HTML and what was good and bad, which is good to see as a developer. The cons are that it can be a little lacking other than providing structural feedback.

NVDA Screen Reader



Here I used an NVDA screen reader to test out the accessibility features we had in the email. The screen reader was able to read the alt text that I had put for the images, so whoever was using the screen reader could know the description of what the hero image and the logo were. Also, since I put the role of the tables to be “presentation” the screen reader did not read them out to be tables, and it read it as a smooth transition to the body of my email. This shows that the accessibility features we used in our markup helped in making screen readers be able to properly read the information.The pros of NVDA screen reader, is that it shows how the screen would be read from the user point of view of an accessibility user, so it allows us as developers to know how to handle certain situations. The cons is that the screen reader can be kind of confusing when jumping from place to place depending on the order in which the context is being read.