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05-430

Assignment 8 – Implementing a Web Portfolio

Website Links:
https://eycho97.github.io/portfolio/
https://edward-cho.com (Custom Domain used)

GitHub:
https://github.com/eycho97/portfolio

Part 1 – Website Description

For this assignment, I developed a web portfolio using ReactJS. This is meant to serve as an online resume that showcases my work and qualifications.

I include information about my background, education, and projects I have worked on. For now, I only implemented two projects, but I am planning to include more in the near future. To convey my diverse academic background, I included one UX research project and one mobile app project.

I make it engaging using react particles to give some interesting animation on the landing page. I also used a sticky header, so readers can easily navigate between each section, in this single page portfolio.

The target audience is employers at the moment, to aid me in my job search. As I continue building and adding to this portfolio, I hope the audience will grow to clients and potential partners that would like to work with me.

Part 2 – User Interaction

To view the contents on my website users can
- Scroll through the website or click on the sections in the fixed header
- In the projects section, click on either project to open the modal
- Once in the modal, there are buttons at the top and bottom that allow you to exit

Part 3 – External Tools

ReactJS
- React is an increasingly popular JavaScript library, so I wanted to use this assignment as an opportunity to learn how to use it

- I used it to create the different components that make up my website.
- It is the framework that my project is built upon

Bootstrap
- Bootstrap is a popular CSS framework, which makes it easy to use grids and implement responsive design.
- I used it to ensure that the website is responsive
- It adds responsiveness to the website, and allows me to add further styling

Part 4 – Iterations

I am using modals instead of opening a new page for the projects, so I changed the exit button to a 'X' rather than a 'Back to Portfolio' text I originally designed.

Part 5 - Challenges

It was my first time using ReactJS, so it was challenging but fun to create the website. One thing I struggled with was with the modals, since I had to use JavaScript style objects instead of using CSS. I might go back and create a custom modal that doesn't rely on the React Modal library, since I'd want all the styling to happen in a central CSS file.