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https://github.com/JoseFonseca23/WebMobile-2022Spring/tree/main/2022Spring-Web/Web_ICP4

CS 490 - Web and Mobile Programming

ICP4 Documentation

This ICP had us finishing a website that would look up information from GitHub's API and display it onto the screen by changing the web page's html code. I used both jQuery, and XMLHttpRequest to get the needed information and update the pages html. Using jQuery was not challenging at all, and the use of objects was very familiar to classes from other object orientated programming languages. However, I found some difficulty using XMLHttpRequest. The concept behind it is simple, and implementing it wasn't difficult either. What I did find challenging with that portion of the ICP, was the fact that I needed to return the object that I created from the request and then find its status. The reason why this wouldn't work was because XMLHttpRequest is used in an asynchronous call, which wouldn't allow the return of values. What I could do is save the requested data from the API in JSON, which is what I ended up doing, and use it to display the data in a web page. So, all I really did was move the status check from outside into the getGithubInfo function.

