Lab12

Portfolio SPA: React & JSX

The Gist

## **What is React?**

React is a JavaScript library.

In this context, what is a library? Think back to Java days. How Dr. Summa would say Java APIs, which were found on the Oracle website. How he would call it a library; how he would say that Java had built-in libraries or classes that we could use (instead of reinventing the wheel). How we could import those classes and just reference their methods (functions) instead of writing our own.

So, in this context, a library lets us use code instead of writing it ourselves.

So, React provides JavaScript functionality to us for free. We can link to that library using script tags; and then inside our source code, we use the corresponding commands that let us use the desired functions by just calling them.

## **How are we using React here?**

We’re going to create a mock portfolio website using this library.