

<https://lamp.cse.fau.edu/~amarnathpate2021/p3/index.html>

Amarnath Patel Project 3

For this project I did not use a bootstrap premade theme that someone else may have made online, rather I used the bootstrap cdn in my html. I learned some javascript, mostly being the syntax to be learned. It is reminiscent of low level syntax in that it utilizes brackets and semicolons, but no main function just “executing” a function at the end of the file. It was pretty easy to write up, I just had to look up how to declare some stuff. I was confused why I couldn’t declare a specific type of variable as you normally do in low level like long long or uint64_t. It just seems to be like just a “number”. I heard typescript, with its nice transpiler for javascript has very extensive type systems so I want to learn that in the future some time. I wanted to host my index.html as a site on localhost:8080 like how node.js or bun.js do but that requires writing a server.js file to run a server on that port. That was simply just so I wouldn’t have to keep reloading the web page to view changes. I could also have tried VS code’s integrated browser which I think it has since it is an electron app which is based on chromium I think. I wrote all my code in something like 22 lines. The biggest thing I can take away from this assignment is that it pushed me to learn my first bit of JavaScript, which doesn’t seem too bad of a language. Despite it being simple I have heard that typescript has some of the most expansive type systems out there, which is very nice for it also being transpiled as well. This expanded my curiosity for both server side and front end development. Learning a javascript framework or more libraries will be nice to do in the future as well, building dynamic web apps and maybe some time even using wasm or Web Assembly to make full apps in the browser with Cpp or Rust. As time goes on as I hone my skills more, I hope to replace golang as my scripting language in favor of something

like typescript/javascript as it seems much better tahn waiting to download dependencies and compiling a binary.