# Personal Site Documentation

## Design Process

1. Learning How ReactJS Works
   1. Code with Brian
   2. Udemy courses
2. Trying out a sample, multi-page site
   1. Each page has a different element
   2. Using different libraries, such as react-scroll
3. Combining multiple page site into an one-page site
   1. GitHub Pages didn’t support the default app router

## Next Steps

* Book reading page
* A domain

## Things Learned

* Multi-column display
  + Wrapper: Display: flex
  + left-column: width: xxx
  + “float” is a bad idea
* Symbols
  + Using font-awesome to see the icons
* Design pattern
  + Each CSS style should only do 1-2 things
    - For example: in-line: align-item: inline
      * blue: color: blue
  + Give each HTML element a class
    - Without classes, CSS files will be polluted
* HTML general
  + Use <br> to break in-line display
* CSS
  + Use bottom: 10px to shift the position of elements
  + position: relative
  + position: absolute doesn’t work well in Safari
* CSS Cover
  + image: object-fit: cover To avoid image stretch
* CSS Hover
  + Change opacity to hide or display elements
* NavBar
  + Height: 25vh or something like this to ensure it’s there
  + display: fixed