Key Classes

In './react' folder:

- <mark>react:</mark> make all react-related changes here, **NOT** the root folder

  - <mark>node_modules:</mark> dependencies, automatically generated

  - <mark>public:</mark> information available to public via browser. Includes favicon.

    - <mark>stylesheets:</mark> ignore this, these are not the main stylesheets we use

  - <mark>src:</mark> contains bulk of code

    - <mark>pages:</mark> contains components and stylesheet to support front-end display. Most changes to front-end should be through editing components in this folder. See "An overview of classes in /pages folder"

    - <mark>fonts:</mark> contains custom fonts used on the webpage
    - <u>App.js:</u> routing is done here. '/ ' = home page, '/Login' = login page

  - <mark>tests:</mark> contains tests

An overview of classes in /pages folder

- Component
- *Imported Component*
- <u>Css File</u>

HomePage

The main container for all of the components and display of the primary page.

DarkModeToggle

The visual element of toggle for dark mode: is ONLY a toggle, not darkmode itself
Documentation: https://www.npmjs.com/package/react-dark-mode-toggle

Jumbotron

Banner component.
Documentation: https://react-bootstrap.github.io/components/jumbotron/

AliceCarousel

Carousel component, photos stored as states.
Documentation: https://www.npmjs.com/package/react-alice-carousel

Snow

A background effect component displaying falling snow. Set density and height through props.

SnowFlake

An individual snowflake. Many of these are stored in the Snow component.

ToggleProj

Component to display the group project section.

Lightbox

For the display of group project images
Documentation: https://www.npmjs.com/package/react-image-lightbox

ToggleLeft

Container for a photo+biography of one individual, left aligned.

ToggleRight

Container for the biography of one individual, right aligned.

Profile

Photo container in biography of individual

UserInfo

Description, field, and contact information in biography of individual

Contact

Contact form display.

Login

Login page to add and delete personal projects

EditProjects

Handles database calls for adding personal projects

DeleteProjects

Handles database calls for deleting personal projects

pages.css

Most of the styling is done here - it styles the "default mode" of the homepage

darkmode.css

All the css classes for dark mode are here

access.css

All the css classes for accessibility mode are here

Diagram representation of custom React components in "HomePage.js"

ToggleLeft
Personal CV + projects left aligned

HomePage
Controller, contains all components and code for the main page

ToggleRight
Personal CV + projects right aligned

Contact
Contact form

ToggleProj
Group project

Snow
Snow background effect

Snowflake
Individual particle of snow

Profile
Stores bio photo

UserInfo
Stores bio description