

Project Repository: <https://github.com/Jonathan-U7/jonu.github.io>

Final Project: https://jonathan-u7.github.io/jonu.github.io/jonu_web_portfolio.html

Log:

- Session 1:
 - Briefly went over project requirements
 - Created files that were initially deemed necessary:
 - Portfolio in HTML
 - CSS
 - Javascript file
- Session 2:
 - Began planning how I want the project to look like
 - ![Project Design](media/final_project_design.pdf)
 - ^^^This source is also located as media within my documentation^^^
 - Explanation:
 - Contains a navbar on the top of the page
 - Each navbar option will lead into a new page: this is one of the new things that will be implemented
 - Navbar styles will be handled in bootstrap - further changes will be made in css
 - The about me section will have a photo carousel: this is another new thing that will be implemented
 - I have not decided if there will be 1, 2, or 3 separate carousels, depending on how I want to take up the space of the webpage... Maybe under larger window sizes, it may contain more than 1; with smaller window pages, it contains 1
 - Unsure of which language handles carousel
 - Following the carousel, will contain a short bio about me, which can be handled in html or js
 - Implemented through bootstrap:
 - Class = carousel slide
 - Method from getting to one image onto another
 - Interval as well
 - Under Previous Works:
 - It will either include cards of each job that I have worked in the past, title and bio of each; or, it will be either be a preview or import of my resume
 - Preview of resume would be a new implementation
 - Both of which will contain a link that either redirects to my linkedIn or to download my resume
 - Under Projects:
 - Contains cards of each project; each with a title, bio, and a link/preview to the repository
 - Contact Form:

- An ordinary contact form
 - Event will be watching the submission of the form (js)
 - Name, email, gender, reason for reaching out, submission button
 - This current iteration of the design contains a number of new items to potentially implement:
 - Image carousel
 - Download link (resume)
 - Redirect link (LinkedIn)
 - Link preview / Resume preview / Link to repo
 - Navbar to new page
 - The largest in priority will be the Navbar to new pages, and the image carousel. Otherwise, all other implementations can be short handed with just a link to redirect to either a repository, different website, or imported media documents
 - This ensures that with the current time, it withholds the quality of the project; with any time left over, other implementations can be addressed to improve the product
- Session 3:
 - Tackling the Navbar
 - Upon further research, creating different html files instead of creating sections within a single html file will be able to emulate accessing different pages
 - Will have to rename/make the following files:
 - Home
 - About
 - Previous Work
 - Projects
 - Contact Form
 - Another thing that was adjusted - instead of #section_name in the href, the anchor reference has to be the file_name.html
 - Html sections have been deleted; new files are linked and tested
 - Now that I can enter the separate webpage, button to return to home or other sections will be put in place
 - A navbar has been implemented into each file; edits to web_port file will act as reference to the styles of the navbar; once those edits have been finished, the updated html and css will be placed after that finalized revision
- Session 4:
 - Tackling the image carousel:
 - Further research of the carousel, and it is managed by a carousel class in bootstrap.
 - All desired photos were selected, and carousel works
 - The weird part about the carousel is that sometimes it works, and sometimes it doesn't

- I tried limit testing the browser itself; an odd observation I noticed was if I were to tab out of the site, and return to the site, it would either jumpstart the carousel or the carousel would start working again.
 - Unsure of how to further troubleshoot this
 - Within the carousel container:
 - class = "carousel slide"
 - data-bs-ride = "carousel" (dictates the movement of the container)
 - data-bs-interval = "5000" (dictates time from image to image; 1000 = 1 second; 5000 = 5 seconds)
 - Styles of each image will be dealt with later on
- Session 5:
 - Previous Work:
 - Link to LinkedIn: Works
 - Download Resume Link: Works?
 - Clicking link opens new tab with of the pdf, and user would have to click download on that tab to successfully download the resume
 - I'm ok with this... for now...
 - A preview of my resume
 - Goofy look - embed just looks like the html cut the middle man out of the download link, and just has the pdf opened on the page,
 - Contained options to print or download
 - I'm ok with this... not really... will address later
 - Preview must be fixed / adjusted
- Session 6:
 - Projects:
 - Each project will be place within a card
 - Each card contains a title, description of project, and a link to said project
 - I want to create visual aspect to it, but unsure what to make visual
 - Links have been implemented: will continue to styling at a later point
- Session 7:
 - Styling of page:
 - Webpage color
 - Image Carousel container (B/W)
 - Bio container
 - Navbar styling
 - Since the top left region of the navbar would disclose the user what page they are currently accessing, each text slot would take up a different amount of space (Home :: Previous Work; Previous work takes up more space of the navbar)
 - Since my navbar contents were on the left side, I would need to get them to the right side, so that the navbar doesn't move when users are traversing from one section to the next. (going from home to previous work would shift navbar and options were significantly different in terms of orientation)

- I couldn't figure out how to fix this yet - hoping to get to it down the line
 - Asked chatgpt about color palettes:
 - Decided on white, black, grey, off white to use
 - Heavily gravitated towards offwhite
 - Wasn't satisfied with a palette that included offwhite
 - Seemed that there was too much contrast/conflicting colors
 - Ended up with charcoal nav, grey background, charcoal elements w/ white text
 - Styling for Previous Work is completed - will be the new standard for all of the pages
 - Had to play with flexbox
 - Biggest help of styles to achieve what I wanted:
 - display: flex
 - justify-content: center (or spaced evenly if there was more than 1 item spanned across a row)
 - align-center: center
 - This would be used as a standard within all of my different pages, adheres to what I wanted to do within the project.
- Session 8:
 - Got all of the other pages on the same standard
 - The standard that Previous Work had, was used throughout the rest of the site
 - This included the flexbox of containers, as each page contained a container, where I preferred all of the items within the container to either be centered, or evenly spaced.
 - Wanted this to prevent certain sites from being lopsided, or too left/right dominant.
 - Emphasizes balance!
 - Relearned flexbox
 - Emphasize the commenting on the css
 - Each selector on css contained a comment on what "jurisdiction" each style would have; each selector would be disclosed with an associated html file, as well as what object they have control over.
 - IE, .intro_photo has the comment of /* Container holding img */
 - Good documentation; I will have to implement more in the future!
- Session 9:
 - Left to do:
 - [x] Contact Form:
 - With working js
 - Forgot about form id set to link into js needed to link js into html
 - [x] Decide on what to do for the home page (shorter bio?)

- Last iteration of commits - included a container that holds both an intro image and intro text. It was empty previously, so I believe this is a good use of that empty space
- BUT... I noticed that those efforts made the homepage look rather flat / 2-dimensional.
 - This introduced implementing shadows on all images and text containers within the site; allowing each page to have more depth, while maintaining a minimalist vibe (good; doesn't overdo it)
- [x] Replace embed resume with pdf (in order to fix accessibility)
 - In terms of functionality, I do like the idea of embedding, considering it goes against accessibility, I'll have to potentially reconsider
 - Had the embed link from docs within to be placed as an element
 - Embedding the pdf would emulate opening a pdf within a browser. It contains multiple drop down menus, such as print, download, and other options. <<THIS, would be embedded within the site, significantly clashing with the current aesthetics of the site, therefore I required a new idea. Another issue that it produces was the redundancy compared to the download resume button, as that would just open a new tab, showcasing the resume, as well as all of the same options that were already previously embedded within my site. Therefore, both of these required tinkering.
 - Embedded resume: Instead of using an embed with its source being a pdf, I used an iframe and used the html embed link (from google docs) as the source. This allowed my resume to look significantly more seamless, maintaining my grey background.
 - Download link: required functionality of "download" to be called within the anchor reference. Having "download = jonu_resume.pdf" allowed the pdf to be downloaded onto the user's desktop.
- [] Have all projects fit in accordance to page:
 - Shrinking page = more rows over more columns
- [x] Shrinking page allows buttons to still work misspelled collapse
- [x] Push all navbar text to the right side of page
 - Both were resolved due to a spelling error - disclosed further below
- [x] Develop a script for video
- [x] Rewrite journal on pdf
 - Copied and pasted from the MD file.
- [x] Rewrite readMe as instruction manual
 - At first I used the md file to store the journal. This was initially rather convenient, as I wouldn't have to utilize a secondary medium to store my journal. However, I was able to copy and paste an unpolished journal into google drive, allowing the readMe to serve its intended purpose as an instruction manual and other disclosures demanded of the assignment.
- [x] Get rid of all potential errors / contrast issues

- Resolved via aria-label: allows the header to be empty
- The first portion of my commits contained contrast errors where the header font color was blending into the grey background. At first I wanted to fix the color and just make the text white, but that didn't solve the problem that the header took precedent of the navbar. This made the site look much more unprofessional. I looked online on how I could ensure that I still had a header exist, (to prevent any accessibility errors) but have no content within the header, so it wouldn't show up on the site. I needed an empty header. `aria-label="Site Header"` was able to do just that. Calling that within the header call gave me both a header for accessibility purposes, as well as an empty header, that didn't provide any content when running the site.
- [] Imbed the html file contents as a "preview" for previous projects
- [] Add icons of the following
 - Github
 - LinkedIn
- [x] Apply new styles to the rest of the files:
- [x] navbar to the right
- [x] Buttons work with smaller window
 - Both of the issues above were fixed due to a typo of "collapse" being called from the bootstrap (It took me an hour to figure that out...)