

Design Ration of My Portfolio Website

<https://github.com/taelifakraufon/taelifakraufon2020>

[taelifakraufon2020/project0](https://github.com/taelifakraufon/taelifakraufon2020/commits/master/project0/)

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origin: <https://github.com/taelifakraufon/project0.git>

Web-design Approach

My first task was researching different portfolio websites on the internet. My original idea was to design a website about myself to portray my values and skills within my engineering degree.

I wanted visitors of my website to understand me on an employment level, therefore I wanted to show-case my academic interests and work-skills. Throughout the lay-out of my website, I wanted to create a simple yet enjoyable web-page through imagery and simple text to easily follow.

My goal was to create a user-friendly website that was easy to follow and had imagery to portray my personality through a website.

The steps taken to achieve my running website consisted of watching multiple Youtube tutorials and online research on how to start a webpage using CSS and HTML as the backbone structure to my website. I then researched multiple portfolio websites to understand the design criteria and structure. From there, my attention went into the design of their website. By understanding the basics on how to create a personal web-page, this then lead to the creation of my current portfolio webpage today.

Multiple actions of trial and error were experienced whilst making my website. By experiencing these errors throughout my website, this allowed me to learn about what to do and what not to do within html and css coding. As the process of making my website travelled along, I learnt a few techniques and new terminology such as “smooth-scrolling”, “div class”, “radio”, “href” and multiple other terminology encrypted into my code. The reason I chose smooth-scrolling effect for my website was to portray a different method of accessing information on different pages. As my coding background is very minimum, I found the smooth-scrolling technique, unique and an interactive way in moving from one page to the other within my website.

I wanted to keep my original idea of expressing my interests and related works through imagery as I believe images express a persons’ personality and interests. I used visual studio code for my code, creating two work spaces, one for my html code and a style-sheet to reference my html. Through tutorial lessons and online resources, I created my first web page of text: with h1 being “Taaeli Fakraufon” and h2, “Welcome this is my first webpage”. As I got more into the website, I added background colours, a navigation bar, images, heading fonts and sizes, imagery effects and many others into both my html and stylesheet, in which what lead to my current web-page today.

I believe that my website is half-successful as there are a few errors in which are to be taken into account such as the large space beneath the footer area. I believe there is room for improvement in my website namely; the large space beneath my footer, and design errors such as nav-bar. The nav-bar is useful but is hidden behind my uploaded images. This is a negative sign and is noted within my website as it will be hard to get to a certain area in my webpage when an image overlaps it.

Design Process:

Firstly I gathered some information on a word document as well as researched images, displaying 3 people that inspired my website and pictures in which can be displayed in my website. This can be show below:

1. Walt Disney

Walt Disney was an innovative animator, entrepreneur whom created many famous cartoon films, including Mickey Mouse, and as the creator of the amusement parks, Disneyland and Disney World. Walt Disney was also one of the first UX Designer. Disney pursued a career as a newspaper artist. He started at the Pesmen-Rubin Art studio and from there Disney transferred to the Kansas City Film Ad Company where he made commercials based on cut-out animation.

<https://www.biography.com/business-figure/walt-disney>

Walt created many films including, mickey mouse, snow white and the seven dwarfs, Pinocchio, Fantasia and many other famous films that still play today. His creations were imaginative, optimistic, and all self-made. Through his works, he brought joy, happiness and a universal means of communication to the people of every nation.

Walt Disney inspired me to become more creative in the different types of works and challenges I come across as there is always more than one solution if we just be creative and use our imagination.



Figure 1: Walt Disney and creation Mickey Mouse



Figure 2: Snow White and the seven dwarfs



3. Steven Chen

Steven Chen is best known as the co-founder and chief technology officer of the video-sharing website YouTube. Chen is a Internet entrepreneur and founded YouTube alongside Chad Hurley and Jawad Karim. The purpose of YouTube was to simplify video sharing online. In 2016, Chen and his partner Hurley sold YouTube to Google, Inc for \$1.65 billion in which he received 625,336 shares of Google. From there Chen and Hurley started the AVOS System. The AVOS System is a technology company with a platform that helps developers create apps in real-time.



2. Larry Page

Larry Page is an American computer scientist and internet entrepreneur. He is best known for being one of the co-founders of Google along with Sergey Brin. Through Page's work, he was able to unify the design language across multiple products and shipped fresh versions of Google Search, Google Maps, and Gmail, and Calendar and took over as CEO. From there Larry and his team upgraded new iOS apps such as Google+, YouTube Capture, Chrome, and Maps that followed much of the original vision with few variations between the different product teams.



Matias Duarte, senior director, Android user experience, put it this way: "Google is going through a design revolution, for lack of a better word".

Figure 3: Larry Page

<https://www.theverge.com/2013/1/24/3904134/google-redesign-how-larry-page-engineered-beautiful-revolution>

Larry Page is an inspiration as he gathered members of his own to join his small group to produce one of the largest and most popular web nets in the world.



Based on my research conducted as-well as defining background images that I wanted to have in my website, I narrowed about 20 pictures to what can be seen throughout my website today.

For designing my work portfolio page, I decided to add the photos from my work-site with a few of the other interests, such as re-newable energy systems such as wind-turbines to display my career interests. By inserting them into a slider, this made my website interactive by clicking the side view buttons to view the next or previous photo within the slide. By centring the pictures, my idea was for the viewers to see these pictures as the main object on the screen. The difficulty I experienced with this task was centring the box and teaching myself the how to insert "radio" css to make the photos link to each other.

From there, I started playing around with using moving icons to make my website more interactable. The challenge that came with this was centring the boxes with equal distance to fit on the page and not overlap it to the next. Here, I played around with the css until I was satisfied with the sizing. This was very tricky for me as I had to manipulate the style code so that it was centred correctly. A few errors that depict my website during coding was trying to position text boxes within the page. I believe this was a downfall to my website as it overlapped into the next page.

Some design issues that were solved during the process was centring text boxes with related images. At first my pictures were aligned to the centre of the page therefore changing the height of my website. To align these images, I created a container divider and inserted the formatting of these pictures and aligned them to the left. I then set the images to "row" and then centred them with equal distance spacing between each picture. I then added text boxes and adjusted the height of these within the style sheet to try fit the text associated with these images. My text boxes then overlapped to the next page, therefore I widened the width of these text boxes and centred them underneath each image, therefore related to the image above.

I designed my website by adding pictures that related to my working environment. This was to show-case my work ethics. The downfall I created was either making the webpage too small or the text-boxes too long in length, therefore leading on to my next page.

I then created a contact page in which I used lighter colours such as white and red to highlight the main focus area. I wanted to keep this page simple yet color-effective so that people had a clear understanding of how to contact me- if needed. Although this is a demonstration of a contact page, I experienced difficulties in href to my own email.

My target audience is aimed at young students like myself to also try and taking on the task of making a website using coding methods such as css, html, javascript and many others.

Attribution List:



This picture was used within my skillsets area and was displayed to portray the skillsets of project management. I chose this photo as it summarises the role of project managing any given project through the small imagery in each box.

Link:

<https://previews.123rf.com/images/ppbig/ppbig1310/ppbig131000342/23354020-project-management-icons-engineering-icons.jpg>



This image as shown within the slider was used to display my interest in renewable energy. I used this photo as the graphics are clear and the calm setting of the photo made me drawn to it.

Link: <https://mc-56397411-4872-452d-b48e-428890-cdn-endpoint.azureedge.net/-/media/Content/Images/News/Stories/Five-things-the-world-will-need-for-a-low-carbon-future/RT-windfarm.jpg?rev=53cbd29ac4344c99a35dfb5a252e1bd7&w=768&hash=07441C67B478091D3581F26B031A594F>



This image was used in my title website. I used this picture as it was calm and fitted my black theme. I wanted to display something to do with my working environment but was calm enough to compliment the main heading.

Link:

<https://www.opticgroove.com.au/wp-content/uploads/mine-photography-drill-rig-boggabri-nsw-lg.jpg>



The final picture I used can be shown in a few of my pages and is a picture of black rock. I used this image as I wanted a dark background but had a cooler effect rather than using normal colours given on visual studio code. By using this image it gave the page more interest.

Link:

<https://www.x-one.asia/wp-content/uploads/2019/07/15411555025bdc2aae54d493.92923804>

My own Picture(s):



This image displays a rotary crusher and was the photo was taken by myself. My task here as mentioned within my website was to break down or strip this rotary crusher. I decided to use this image as it reflected my works.