

 Web Design DeCal

Homework 4    October 8th

## Announcements

Group Project is open! This semester's redesign theme is Reddit. The assignment is due on October 22nd. Start early! You can check out the assignment here:

[See Group Project Instructions](#)

## My Beautified Website

**Required Tool: Text Editor and Google Chrome Web Inspector**

In the past two lectures, you learned some essential CSS techniques to style your website. In this assignment, you will use your new skills to add beauty to your barebone website.

## Assignment

We have provided you with the backbone for your profile website. You can download the assignment file here:

[Download File](#)

You should fill in the missing information (name, bio, etc.) from the profile you created in the previous homework assignments before you begin.

## Part 1: Container

Websites that span the entire screen from left to right are generally tough to navigate and create a bad user experience. Let's establish some basic spacing by limiting the content space of the website. To do

this, we'll create a 960px container, such that that all the content of the webpage is restricted within that container.

For the #container div, add the following CSS styles:

```
#container {  
    width: 960px;  
    margin: 0px auto;  
    padding: 30px 0px;  
}
```

This will not only decrease the horizontal dimension of the entire website but also horizontally center it by using the neat margin: 0 auto trick!

## Part 2: Profile Picture

Now, it might be the case that your photo is very big (if you are using a large image.) **Adjust the size of your photo by adjusting it's width attribute or by using the enclosing div method covered in lecture.** If you assign only the width attribute, the proportions of your image will be preserved. On the other hand, if you assign both the width and the height, the proportions of your image will *not* be preserved, and your image may look stretched/skewed. Play around with your image until it looks about right. (If you're image looks fine to begin with, set it's width and height to it's original dimensions just for practice's sake.)

At this point, you should have something that looks like this:



Hamza Ahmed  
Computer Science, 2017  
I'm a sophomore pursuing a Bachelor of Arts degree in Computer Science at UC Berkeley. I've recently picked up a profound interest in web design and web development, so you will often find me coding away in my spare time.  
[My Favorite Website](#)  
My Hobbies  
Football (the real one)  
FIFA  
Developing Websites  
Weight lifting  
Listening to deep house  
My College Bucket List  
Travel to the East Coast  
Build something useful  
Get hired by Apple

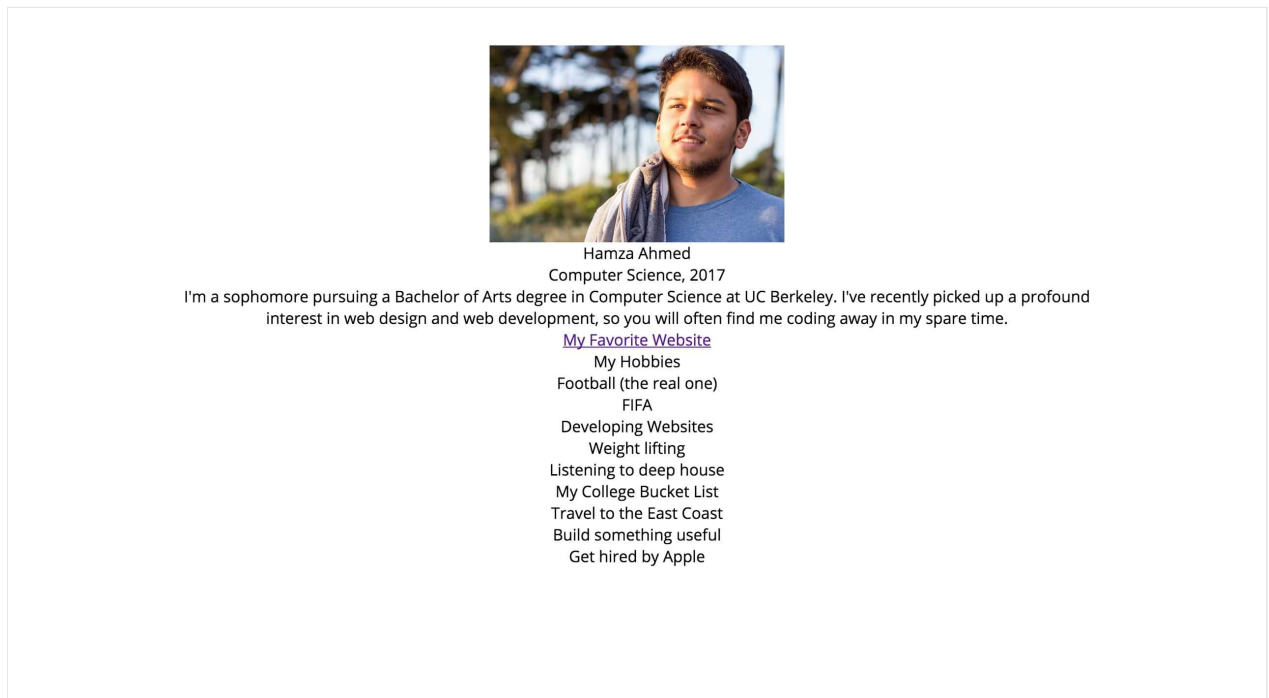
## Part 3: Font Family

What's that ugly font? Let's change the font to something cooler. Google Fonts is a great resource to find fonts that you can use on your website for free! (Most fonts are actually quite expensive.) **Import a font called Open Sans from Google Fonts and apply the font-family attribute to the body tag in your CSS stylesheet** in order to make Open Sans the default font for your website.

## Part 4: Centered Layout

For this profile, we will be using a centered layout. Use margins and the text-align property to horizontally center all the text and images on your website.

You should have something that looks like this:



## Part 5: Header

Apart from the image, what should stand out in a profile page? Obviously, the page is about *you*, so emphasizing your name is a good idea. Let's give your name some emphasis through an adequate amount of spacing and careful use of typography. **Use margins/paddings to separate the header from the rest of the web page. Then, use the font-size, font-weight, and font-style properties to give emphasis to both your name and year/major.** Remember to use consistent margins and paddings! For example, try using multiples of 10.

Note: feel free to style your header as you wish, as long as you use all the CSS properties listed above.

You should have something that looks like this:



## Hamza Ahmed

*Computer Science, 2017*

I'm a sophomore pursuing a Bachelor of Arts degree in Computer Science at UC Berkeley. I've recently picked up a profound interest in web design and web development, so you will often find me coding away in my spare time.

[My Favorite Website](#)

My Hobbies

Football (the real one)

FIFA

Developing Websites

Weight lifting

Listening to deep house

My College Bucket List

Travel to the East Coast

Build something useful

Get hired by Apple

## Part 6: Description

Although we added a container div in part 1, the description still looks a bit too stretched horizontally. Let's make the description more legible. **Decrease the width of the description and center it using margins. Adjust the font-size and line-height of your description.** Usually, a good line-height is 1.5 ~ 2 times the size of your font.

## Part 7: Link to Button

The link to your favorite website doesn't really look good right now. It's has that standard blue/purple font, annoying underline, and most of all it doesn't get the emphasis it really deserves. Let's transform the link to an actual button! **Use padding, margin, background-color, font-size, and the font-weight property on #link to make it look like a button.** Depending on how you implement your page, may also need to use margins to separate the button from the rest of the page and the width property to limit the width of the button. To remove the underline, add **text-decoration: none** to your anchor tag to override the anchor tag's default underline property. For my background color, I picked #4785dc. Feel free to play around with other colors!

You should have something that looks like this:



## Hamza Ahmed

*Computer Science, 2017*

I'm a sophomore pursuing a Bachelor of Arts degree in Computer Science at UC Berkeley. I've recently picked up a profound interest in web design and web development, so you will often find me coding away in my spare time.

My Favorite Website

My Hobbies  
Football (the real one)  
FIFA  
Developing Websites  
Weight lifting  
Listening to deep house  
My College Bucket List  
Travel to the East Coast

## Part 8: List

You're almost done! All that's left is to style the "Hobbies" list and the "College Bucket List" list. This is the look we're trying to achieve:



## Hamza Ahmed

*Computer Science, 2017*

I'm a sophomore pursuing a Bachelor of Arts degree in Computer Science at UC Berkeley. I've recently picked up a profound interest in web design and web development, so you will often find me coding away in my spare time.

My Favorite Website

### My Hobbies

Football (the real one)

FIFA

Developing Websites

Weight lifting

Listening to deep house

### My College Bucket List

Travel to the East Coast

Build something useful

Get hired by Apple

We want both lists to look almost identical (apart from the text), so we'll be using *classes* to style them. Take a look at the HTML structure of the lists. The "list-container" is what contains the entire list structure and is in gray (#f5f5f5) in the image above. The "list-title" is the list's title, such as "My Hobbies" and "My College Bucket List". Finally, the "list-item" is each white box you see within the larger gray box. Each list-item contains one item in the list! Pretty straightforward stuff.

How would you go about styling these lists? **Apply margin, padding, and other basic CSS styles where appropriate to make your lists look as they do in the image.**

We're done! Your profile is now ready. Feel free to add whatever you like to your page, as long as you meet the minimum requirements. Be creative! As always, post on Piazza if you have trouble with any particular part of the homework.

## Submission

Submit the following files as a **zip** file through the Assignments tab of the WDD Portal:

- index.html
- assets/img
- assets/css/style.css

Your assignment must be submitted as a **zip** file. Submission will automatically fail if your submission does not contain the index.html or if it is not a zip file.

This assignment is due by Thursday, **October 8th** at 5PM.