

Start building your own portfolio page!

Purpose of this doc

There are abundant online web editing tools, such as wordpress, squarespace, etc. This document is not meant to be a web editing tutorial. This simply just shows some minimal knowledge you should have when it comes to publishing your work online. In this internet age, knowing this small simple details is like learning how to do some documentation with MSWord. You should know the minimal!

Key in creating your own portfolio:

- 1st page should jump out to say “this is you”, and allow people to see who you are in 1 minute.
- Want to use this as a reference for college application? Your top page should be THE ultimate project(s) immediately followed by “substance” such as diagrams, short and concise description. This must show the process + result. Just result alone does not add in value but just another item in, I call it, laundry list of accomplishments.
- Your page must present itself as knowledge sharing, NOT a long resume consisting of your laundry list of accomplishment.
- Want to add in your bragging list of accomplishments, such as won this and that list? Make it a centralized list at somewhere bottom in your “About me” page; and give links. Do not just give your list without reference links.
- Start this early. Do not wait until 11th grade. Unless you are excellent in faking it, it will show that you just whipped up that portfolio at the last moment.

Samples:

- <http://www.teamhassenplug.org/robots/GreenMonster/>
- <http://mp.stormingrobots.com>, especially the one from Ashley.

Most minimal...

The most minimal... This page shows nothing but just “Hello World”

```
<!doctype html>
<html>
<head>
</head>
<body>
  Hello World...
</body>
</html>
```

Start building your own portfolio page!

Now, let's do a real page showing substance...

You may [download the whole html here](#).

This goes to the top your page.

```
<!doctype html>  
<html>
```

Start your "head" section.

```
</head>
```

Add in some default meta tags to increase your page viewability by most browser and smaller devices such as cellphone.

```
<meta charset="utf-8">  
<meta name="viewport" content="width=device-width, initial-scale=1">
```

If you choose to use google fonts, you need to set up the linkage.

Go to <https://fonts.google.com/> " to choose a font type that you like to us. For this template, I choose "Shadows Into light".

```
<link href="https://fonts.googleapis.com/css?family=Shadows+Into+Light" rel="stylesheet">
```

You should always comment segment of your html

```
<!-- this is a comment block -->
```

Basic pre-existing online javascripts widely used. You should add them in your header section.

```
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">  
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>  
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
```

Enter the title of your document

```
<title>Your title – should include your name too</title>
```

Start building your own portfolio page!

Start your own “style sheet” section . These again are very fundamental, such as bold, font color.

```
<style type="text/css">
```

Specify default type of font style for your entire document in general. Here, I picked a font from google font site – see <https://fonts.google.com/> “.

```
body {  
  font-family: 'Shadows Into Light', cursive;  
  font-size:14px;  
}
```

Specify table with :

- border of 1px thick, solid line, with burgundy color (in hex #851515).
tr == rows td == columns

```
table, tr, td { border: 1px solid #851515; }
```

Specify a user-defined style named “cyan” with background color cyan. (later you will reference it by “class”)

```
.cyan { background-color:rgba(100,250,255, 0.5); }
```

Another user-defined class type named “frost”.

```
.frost { background-color:rgba(255,255,255, 0.75); // background frost color with 75% transparency }
```

Another user-defined class type named “darkblueHead”.

```
.darkblueHead {  
  background-color:rgba(0,0,255,.5); // background blue with .5 transparency  
  font-weight:700; // Bold font,  
  font-size:1.25em; // 125% of regular font size,  
  color:#ffffff; // font color white  
}
```

Another user-defined class type named “doubleBorder”.

```
.doubleBorder {  
  border:double; // double-lined border  
  border-radius:10px; // rounded corner  
  border-color:#851515"; // burgundy border color  
}
```

End the “style sheet” section

```
</style>
```

Start building your own portfolio page!

End your "head" section.

```
</head>
```

End your "body" section.

```
<body style="padding:20px"> <!--allow 20px padding from borders of the browser window -->
```

Start a new division section with:

- class style name "row" feature. This comes from the pre-existing online javascript and style sheet shown at the beginning of the documents.
- user-defined id name "div1".

```
<!-- 1st row -->
```

```
<div class="row" id="div1">
```

```

```

```
<h1> Project name </h1>  
<h2> your name </h2>  
<h4>My project / team name</h4>
```

What the project is about...

```
</div>
```

This is your 1st division (section) of content

Add in your own image file.

- Source url
- Text shown when hover
- Max width
- Display on left of text.

Header level 1, 2 and 4

Your regular description text

End of div1 content

Draw a line.

```
<hr/>
```

Add a few paragraph break, and comment

```
<p/><p/>
```

Start building your own portfolio page!

Start a new division named "div2".

```
<!-- 2nd row -->
<div class="row" id="div2">
  <div class="col-xs-2">
    Some content
  </div>
  <div class="col-xs-10">
    More content
  </div>
</div>
```

Start 2nd row

1st column division measured size 2 from maximum of 12 per "row". (why 12? Don't know!)

2nd column division measured size 10

End the "div2" section

Start a new division named "div3".

```
<!-- 3rd row -->
<div class="row" id="div3">
  <div class="col-xs-3">
    Some content
  </div>
  <div class="col-xs-9">
    <ol>
      <li> item 1 </li>
      <li> item 2 </li>
      <li> item 3 </li>
    </ol>
  </div>
</div>
```

3rd row with 2 columns :

- 1st measured 3
- 2nd measured 9

Here shows Ordered bullet items.

End the "div3" section .

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Start a new division named "div4".

```
<!-- 4th row -->
```

```
<div class="row doubleBorder" id="div4">
```

```
<div class="col-xs-3">
```

Some content

```
</div>
```

```
<div class=" col-xs-4">
```

Another segment of content

```
</div>
```

```
<div class=" col-xs-5">
```

```
<ol>
```

```
<li> item 1 </li>
```

```
<li> item 2 </li>
```

```
<li> item 3 </li>
```

```
</ol>
```

```
</div>
```

```
</div>
```

Here shows a section with 2 styles "row" and your own style called "doubleBorder" – see the style section.)

Here shows 3 columns :

- 1st measured 3
- 2nd measured 4
- 2nd measured 5

Here shows how to do Ordered bullet items.

End the "div4" section

Start building your own portfolio page!

Start your 5th row section and give it an id name "myLastDiv"

```
<!-- 5th row -->
<div class="row" id="myLastDiv">

  <table class="engbackground"
  style="width:90%;padding-left:30px">

    <tr class="darkblueHead">

      <td width="25%">
        Column 1 content
      </td>

      <td width="75%">
        Column 2 content
      </td>
    </tr>

    <tr class="cyan">

      <td>col 1</td>
      <td>col 2</td>
    </tr>

    <tr class="frost" >

      <td>col 1</td>
      <td>col 2</td>
    </tr>

  </table>

</div>
<!-- end of my "myLastDiv" block -->
```

Insert a table

- measured 90% of the current section's width.
- Use the style "engbackground"(see the style sheet section at the top of this document.)

1st row – use the style "darkblueHead" – see description at the beginning of this doc

1st column measured 25% width

2nd column measured 75% width

End of 1st row

Here shows 2nd Row with style class "cyan"

End of 2nd row

Here shows 3rd Row with style class "frost"

End of 3rd row

End the table

End the "myLastDiv" section .

Start building your own portfolio page!

End the "body" section

```
</body>
```

End the "html" section

```
</html>
```