

# Responsive Stanford Website

## Introduction:

Actually ,its our assignment to make a website to show our expertise in the web development.We are ai students but our teacher told us to learn it to deploy our future ai models through it.So,we are learning it

To make this website i used HTML and CSS .I have made a separate file for css .

HTML means hyper text model language and to custome it we use CSS.

## Design:

So this website is actually a replica of the actual website .In it body firstly theres a header then hero then some sections and finally a footer.

## Development:

I have used two files one for html and other for css.After this i linked both files

## Code Implementation:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Stanford University</title>
  <link rel="stylesheet" href="web.css">
</head>
<body>
  <!-- Header -->
  <header class="header">
    <h1 class="logo">Stanford University</h1>
    <nav class="nav">
      <ul>
        <li><a href="#about">About</a></li>
        <li><a href="#academics">Academics</a></li>
        <li><a href="#admissions">Admissions</a></li>
        <li><a href="#contact">Contact</a></li>
      </ul>
    </nav>
```

```

</header>

<!-- Hero Section -->
<section class="hero">
  
  <div class="hero-text">
    <h2>Stanford</h2>
  </div>
</section>

<section id="about" class="section">
  <h2>A Societal Mission </h2>
  <p>Stanford University, founded in 1885, is one of the world's leading
research universities. Located in Stanford, California, it is known for its
academic excellence and vibrant campus life.Stanford was founded almost 150 years
ago on a bedrock of societal purpose. Our mission is to contribute to the world
by educating students for lives of leadership and contribution with integrity;
advancing fundamental knowledge and cultivating creativity; leading in pioneering
research for effective clinical therapies; and accelerating solutions and
amplifying their impact.

  More About Academics</p>
  <button class="btn"><a href="#academics">More About Us</a></button>
</section>

<!-- Academics Section -->
<section id="academics" class="section">
  <h2>Academics</h2>
  <p>Stanford offers a wide range of undergraduate and graduate programs in
various disciplines, including Engineering, Humanities, Sciences, and Medicine.
The university fosters innovation and interdisciplinary collaboration.</p>
  <div class="gallery">
    
    
    
```

```
</div>
```

```
<p>While Stanford is celebrated for its achievements in science,
technology, engineering, and mathematics (STEM), its impact in the social
sciences and humanities should not be overlooked.</p>
```

```
<p>Catalyzing Discovery in Every Field. Stanford scholars are driven by
curiosity to explore the boundaries of knowledge about ourselves and the world,
creating the foundation for transformative advances.</p>
```

```
<button class="btn"><a href="#academics">More About
Academics</a></button>
```

```
</section>
```

```
<!-- Admissions Section -->
```

```
<section id="admissions" class="section">
```

```
<h2>Admissions</h2>
```

```
<p>Admissions at Stanford are highly competitive. The university
evaluates students based on their academic achievements, extracurricular
activities, and potential to contribute to its diverse community.</p>
```

```
<div class="statistics">
```

```
<div class="stat-item">
```

```
<h3>15 Institutes</h3>
```

```
<p>Cross-disciplinary boundaries</p>
```

```
</div>
```

```
<div class="stat-item">
```

```
<h3>20 Libraries</h3>
```

```
<p>Hold over 12 million items</p>
```

```
</div>
```

```
<div class="stat-item">
```

```
<h3>$1.98 Billion</h3>
```

```
<p>Sponsored research budget</p>
```

```
</div>
```

```
</div>
```

```

        <button class="btn"><a href="#academics">More About
Admissions</a></button>
    </section>

    <!-- Contact Section -->

    <section class="hero">
        
        <div class="hero-text">
            <section class="section">
                <h2>Contact Us</h2>
                <p>For inquiries or assistance, please contact us at:</p>
                <p>Email: <a href="mailto:contact@stanford.edu">contact@stanford.edu</a>
                <p>Phone: +1-650-723-2300</p>
                <button class="btn"><a href="#academics">Contact Us</a></button>
            </section>
        </div>
    </section>

    <footer class="footer">
        <p>&copy; 2025 Stanford University. All rights reserved.</p>
    </footer>
</body>
</html>

/* General Reset */
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

/* Body Styling */
body {
    font-family: Arial, sans-serif;

```

```
    line-height: 1.6;
    color: #333;
}

/* Header Styling */
.header {
    display: flex;
    justify-content: space-between;
    align-items: center;
    background-color: #130303;
    color: white;
    padding: 10px 20px;
    position: sticky;
    top: 0;
    z-index: 1000;
}

.logo {
    font-size: 24px;
}

.nav ul {
    display: flex;
    list-style: none;
}

.nav ul li {
    margin: 0 10px;
}

.nav ul li a {
    color: white;
    text-decoration: none;
    font-size: 16px;
}

.nav ul li a:hover {
    text-decoration: underline;
}

/* Hero Section */
.hero {
    position: relative;
```

```
        text-align: center;
        color: white;
    }

.hero img {
    width: 100%;
    height: 660px;
}

.hero-text {
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    background: rgba(0, 0, 0, 0);
    padding: 20px;
    border-radius: 5px;
}

.hero-text h2 {
    font-size: 60px;
}

/* Section Styling */
.section {
    padding: 40px 60px;
    text-align: center;
}

#about h2, #academics h2, #admissions h2, #contact h2 {
    font-size: 45px;
    font-weight: bolder;
    font-weight: 700;
    color: #130303;
    margin-bottom: 20px;
    margin-top: 20px;
}

#about p, #academics p, #admissions p, #contact p {
    font-size: 25px;
    font-weight: 400;
    margin: 20px 20px;
}
```



```
.btn {
  width: 250px;
  height: 50px;
  font-size: medium;
  margin-top: 20px;
  padding: 10px 20px;
  background-color: #c21b1b;
  color: white;
  border: none;
  border-radius: 20px;
  cursor: pointer;
}

.btn a {
  text-decoration: none;
  color: white;
}

.btn:hover {
  opacity: 0.8;
  background-color: #a41919;
}

/* Gallery Styling */
.gallery {
  display: flex;
  justify-content: center;
  gap: 20px;
}

.gallery img {
  width: 400px;
  height: auto;
  border-radius: 5px;
}

/* Academics Section - Statistics Styling */
.statistics {
  display: flex;
  justify-content: center;
  gap: 20px;
  margin-top: 30px;
}
```

```
        text-align: center;
    }

    .stat-item {
        background-color: #f4f4f4;
        padding: 20px;
        border-radius: 10px;
    }

    .stat-item h3 {
        font-size: 24px;
        font-weight: bold;
        color: #8c1515;
    }

    .stat-item p {
        font-size: 16px;
        color: #333;
        margin-top: 10px;
    }

    /* Footer Styling */
    .footer {
        text-align: center;
        background-color: #333;
        color: white;
        padding: 10px;
        font-size: 14px;
    }

    /* Responsive Design */
    @media (max-width: 768px) {
        .nav ul {
            flex-direction: column;
            align-items: center;
        }

        .nav ul li {
            margin: 5px 0;
        }
    }
}
```

```

}

.hero-text h2 {
  font-size: 24px;
}

.gallery {
  flex-direction: column;
  align-items: center;
}

.gallery img {
  width: 90%;
}

.statistics {
  flex-direction: column;
  align-items: center;
}

.stat-item {
  width: 80%;
  margin-bottom: 20px;
}
}

```

## Key features:

### Body :

1 For our body ,we have used some css properties like font family,line height,color of text.

### Header:

1 In header there is a stanford logo on one side and there is a navigation bar on the second side.

2 In navigation bar there is an unordered list (about,academics,admissions,contracts).

3 In css we have used flex , z\_index,text decoration ,font size properties

## Section:

- 1 In section firstly theres an image and then theres a logo(div) which is on the image
- 2 to align div (logo) in the center we use transform ,position top left margin properties

## Section:

- 1 In this section firstly there is a heading h and a paragraph p and finally a button.
- 2 we use padding,text align,text decoration,color properties to customize it.

## Section:

- 1 In this section there is also a heading and paragraph as the previous sections have but in this section there are a few pictures
- 2 we have added these pictures in the section because of the div ,
- 3 We have used flex ,width,height properties of css to modify it ,
- 4 After these pictures there are two paragraphs .
- 5 Finally we have a button and to look it better we use border radius,opacity ,hover properties,

## Section:

- 1 In this section after the heading and the paragraph we have added some divs.
- 2 These divs are under the influence of the single div.
- 3 these divs contain some data and information regarding the university.
- 4 we have also used flex in it.

## Section:

- 1 In this section there is an image on which i have added some contact information over it .
- 2 This has been done by sing a div that consist of a new section that contains the contact information.

## Footer:

- 1 In footer there is only a single paragraph .
- 2 in it ,we have used some properties of css like background color,color,font size,font weight .

## Media Query :

1 We used media query to make my website fully responsive.

2 I have also used flex in my website somewhere but it is not fully responsive.

## Conclusion:

So this the overall overview of my website and it shows my effort to make it.