Responsiveness

Designing for Devices

Summary Session 3

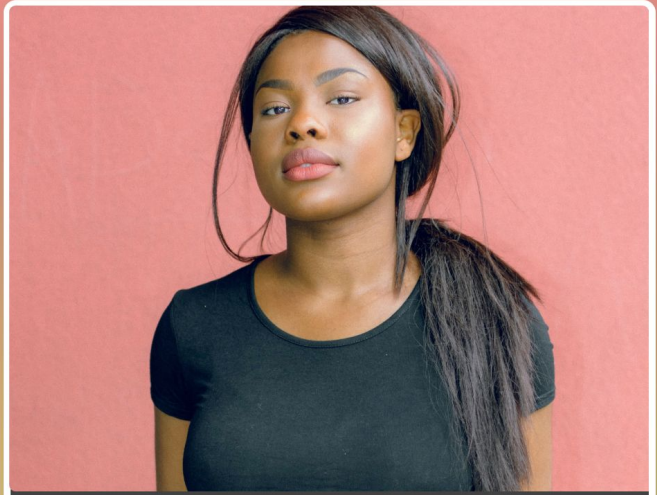
- CSS Grid
  - “ column next to column ”
  - “ row ” on top of “ row ”
  - grid-template-areas to quickly manipulate page layout
  - great basis for a responsive website
- unsplash.com for license-free images
- images are tricky.

Let's fix these images

```
#dog-photo {
    grid-area: photo;

/* resize image to fit its container element*/
    /* max. as high and wide as container */
    height: 100%;
    width: 100%;

    /* cover cuts sides of image, preserves aspect ratio */
    object-fit: cover;

    /* zoom instead of cover */
    /*object-fit: none;*/

    /* position image from the left and from the top */
    object-position: 10% 50%;
}
```

Sandra Case

File | /Users/lisawagner/workspace/everyon...



Sandra Case

I'm a freelance Sound Engineer based in Brooklyn, New York. I design, record, edit and mix audio for projects ranging from film, commercials and documentaries to lectures, audio books, and dialog for educational platforms. Whatever audible vision you have, let's realize it together!

Instagram SoundCloud LinkedIn

CSS Media Queries

- specific layout and styles depending on screen size

```
@media (min-width: 0px) and (max-width: 1199px) {
    body{
        font-size: 18px;
    }
}

@media (min-width: 1200) {
    body {
        font-size: 14px;
    }
}
```

JavaScript

...

Making dynamic changes

JavaScript

- Coding Language

- dynamically update content
- effects & animations
- downloads, videos, audio
- submit data to server

```
<html lang="en">

<body>
    <p id="description">
        I record, edit and mix audio for projects ranging from film,
        commercials and documentaries to lectures, audio books, and
        dialog for educational platforms. I also sound design and
        restore audio for projects
    </p>
</body>

<script type="text/javascript">
    var description = document.getElementById('description');
    description.addEventListener("click", updateContent)

    function updateContent() {
        description.textContent = "Updated Description!";
    }
</script>

</html>

```

How to use it: JavaScript Event Listeners

https://www.w3schools.com/jsref/dom_obj_event.asp

```
// set variable "element" to an HTML element
var element = document.getElementById("myBtn")

element.addEventListener("click", myFunction);


element.addEventListener("onfocus", myFunction);
```