Web Development

Developing for the web is the result of multiple parts working simultaneously to produce the content you see on your mobile and desktop devices. The three primary languages used for Web Development are:

- *HTML*
- *CSS*
- And *JavaScript*

HTML:
- o Provides the **structure** of a website. This includes all the text and images written on a website

CSS:
- o Allows **stylizing** for a website. This includes the position of elements, font size, and color

JavaScript:
- o Used to control **behavior** such as games, security systems, login functionality, and scripts

HTML: Structure

CSS: Presentation

JavaScript: Behavior

Content Managers: There are many ways to develop for the web. As of today, the most common methods of developing for the web include using content managers such as:

- *WordPress*
- *Wix*
- *Shopify*
- *Squarespace*

These websites essentially remove the requirement of knowing how to code.

IDEs: Another alternative to website design can be making them by scratch. This usually involves writing the raw code for the website and allows maximum customizability over the 'look and feel' of a website.

FAU Courses

COP3813 – Intro to Internet Computing   COP4854 – Cutting Edge Web Technologies
COP4633 – Mobile App Projects   COP4814 – Web Services

For more information on the HSI program at FAU visit: http://eng.fau.edu/research/hsi/