

Hello World Web Development

April 6-10, 2015

Intro

Web development runs the Internet and made it become the powerful source of information and entertainment it is today. We'll be learning the "front-end" side of the Internet-the code behind what users see every day with HTML, CSS, and Javascript.

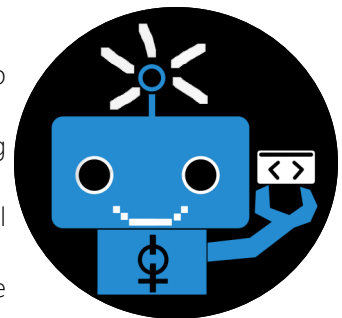
HTML/CSS/JS



- HTML stands Hypertext Markup Language, and it's the foundation of all websites, web apps, etc. CSS stands for Cascading Style Sheets, which is the design (colors, fonts, positions) of the page. JS stands for Javascript, which deals with the interactivity of the website, so any button clicks, games, slideshows would be controlled with Javascript.
- To write the website, we'll just be using normal Notepad. To turn plain text into code, we save the files with different extensions. For example, an image file is .jpg. An HTML file is .html, a CSS file is .CSS, and a Javascript file is .JS.

Projects

- Hello World-Using `<p>` tags, display "Hello World" on your website
- With both `<h1>` and `<p>` tags, write anything you want about yourself (keep in mind this may be public, so don't put anything too personal)
- Using `` and `` tags, write about your favorite activity from everything single day (speakers, the "lecture", team-building activities, whatever!)
- Manipulate `<div>` tags so the information would be separated into logical order and neat sections
- Display pictures of your favorite movie, book, video game, etc. with the `` tag



Speaker(s)



Carey Pachla, a programmer at FastSwitch, will be representing MCWT (Michigan Council of Women in Technology) on Wednesday, April 8, 2015.

Every year, MCWT hosts a website design competition for high school girls with a grand prize of \$750 and a summer internship.

"Every day, we inspire women to advance and remain in Michigan's technology community. A diverse IT workforce is a vital part of Michigan's transformation

and we strive to engage and retain female professionals here. Our vision is simple and bold: make Michigan the #1 state for women in technology."