INTRODUCTION TO WEB DEVELOPMENT

OVERVIEW
Ice Breakers

- In 5 seconds state..
  - Your name
  - Class level
  - State your major, if it isn’t computer science.
  - A sentence, what do you hope to get out of this project?
This project will cover the basics of web development such as:

- **HTML**
  - Stands for “Hypertext Markup Language”
  - the standard *markup language* for creating web pages and web applications.
  - It’s basically a text editor, but on special tags.
  - No, HTML isn’t a programming language.
    - It’s a MARKUP Language.
    - It represents structured data.

- **CSS**
  - Stands for “Cascading Style Sheets”
  - Again, not a programming language.
  - Can’t be used independently without HTML.
  - Responsible for the design or style of the website, including the layout, visual effects and background color.
This project will cover the basics of web development such as:

- **Javascript**
  - High-level scripting language.
  - Used mainly for web development.
  - We will also try to cover JQuery.

- **Github**
  - Version Control
  - Allows you save to your progress on the internet & collaborate with others.
  - Generates metadata for your project.

- **Flask (Optional)**
  - Micro-framework
    - Allows you to convert webpages/static into web application.
  - Uses Python as a backend.
● Everyone gets to create their own personal website.
  ○ Each week, the instructor will be giving out new ways to improve your website.
    ■ Code along lectures on how to use HTML/CSS, Bootstrap, Javascript and etc.
  ○ At the end, everyone have our own personal website.
    ■ The person with the best design website wins a prize in the end of the project.
      ● First place: $50
      ● Second Place: $30
      ● Third Place: $20

● This project doesn’t involve much logic, just creativity.
  ○ Everything is really straight forward.
● **What is Inspect Element?**
  ○ The best debugging tool for web development.

● **What does it do?**
  ○ You can temporarily edit webpages however you want.
  ○ Great way to plan out your layout for HTML/CSS.

● **Experiment your understanding:**
  ○ Go to “Google.com” (prefer Google Chrome)
  ○ Open element inspect by right clicking anywhere on “google.com”
    ■ Click on “Inspect Element”
  ○ Your Task:
    ■ Replace the google’s logo with a random logo.
    ■ Replace “Google Search” to “Yourmom Search”.
- **Create an Account on “discordapp.com”**
  - If you already have an account just login.
- **Join our ACM’s Discord Server.**
  - https://discord.io/csula
- **Download “Visual Studio Code”**
  - Make sure you’re downloading **Visual Studio Code**.
    - Make sure the logo is blue & **NOT** purple.
    - There’s a similar program that is named “Visual Studio”.
  - Download Extensions:
    - HTML/CSS Support by ecmel
    - Live Server by Ritwick Dey
- **Create a account github account through “github.com”.**
Structuring my Webpage

● Create a Folder in the same location where you saved your “home.html”.
  ○ Create a “home.html” file inside of the folder you just created.
  ○ Rename the folder with: initials_web

● Inside of your folder:
  ○ You should have your “about.html” in of this folder.
  ○ Create another folder called “assets”
    ■ Inside of that folder create another folder called “css” & “images”
  ○ Create another folder called “pages”
    ■ Inside of this folder you will storage HTML files that isn’t the start page.
Attendance Policy

- If you miss more than one workshop, **YOU WILL BE DROPPED.**
- Don’t miss more than 15 minutes of a workshop (coming late/leaving early)

Workshops - 4:30 pm - 5:50 pm

1) Tuesday, February 12th
2) Tuesday, February 26th
3) Tuesday, March 12th
4) Tuesday, March 26th
5) Tuesday, April 9th
6) Tuesday, April 23th

Final Meeting 3:00 pm - 4:20 pm
Tuesday, April 30th

Extra Credit

- If you miss more than one workshop, **YOU WILL BE DROPPED**
  + **NO EXTRA CREDIT.**
- If you miss more than 15 minutes of a workshop (coming late/leaving early), **NO STAMP FOR THAT DAY**
- **Loyalty card will be passed out 2nd meeting**
ASSOCIATION FOR COMPUTING MACHINERY

SPRING EVENTS
OF 2019

Let’s get this bread
Positions:

- Secretary
- Vp of Internal Affairs
- Vp of External Affairs
- Webmaster
- Project Manager
- Committee

- Open positions if you don’t know what to run for (we help you decide)
cOME AnD HAVe fUn with tHe LEadeRS!!

ACM’s Bowling Night

GOLDEN MILE BOWLING
FRIENDS, GAMES, FUN.
Everyone welcome!
FRIDAY FEBRUARY 22ND • 6 PM
1400 E VALLEY BLVD, ALHAMBRA, CA 91801
$4.75 a game per person
$3.50 for shoe rental
Announcement on the vouchers will be on Discord on Friday, February 22nd.

Limited BUY ONE GET ONE FREE to the first few members.
Pizza & Boba Fundraiser

COMPUTER SCIENCE CLUB

PIZZA & BOBA FUNDRAISER

Let’s raise some dough! Support ACM Cal State LA by stopping by for boba and a slice of pizza!

WED. FEBRUARY 20TH
11AM - 3PM

WHERE:
KING HALL
MAIN WALKWAY

Support acM!!
● Next Wednesday’s workshop is on:
  ○ Wednesday, February 27, 2019 @4:30pm - 5:50pm.
● Make sure to take all your belongings and throw your trash away!