



ASSOCIATION FOR COMPUTING MACHINERY

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?

Overview

- 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.

Overview

- 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.



Objective

- 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.



Inspect Element

- 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”.



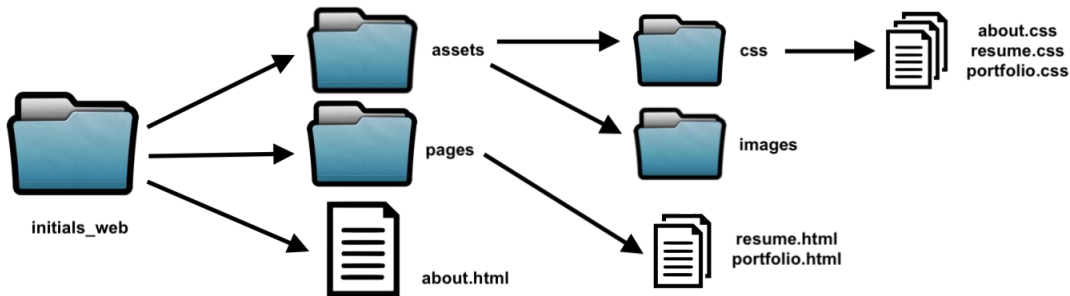
Environment Setup

- 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 github account through “github.com”.

Structuring my Webpage

```
├── about.html
├── assets
│   ├── css
│   │   ├── about.css
│   │   └── images
│   │       ├── IMG_2687.jpg
│   │       ├── IMG_27211.jpg
│   │       └── logo.png
│   └── pages
│       ├── portfolio.html
│       └── resume.html
```

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

Final Meeting 3:00 pm - 4:20 pm

Tuesday, April 30 th

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

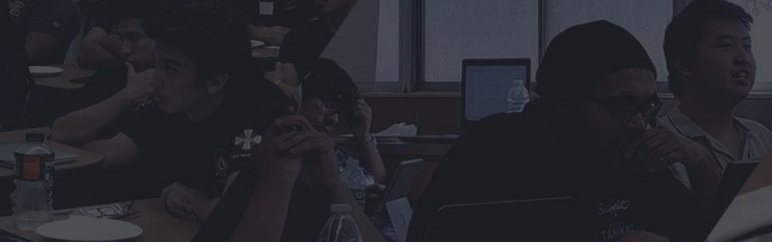


Let's get this bread

ASSOCIATION FOR COMPUTING MACHINERY

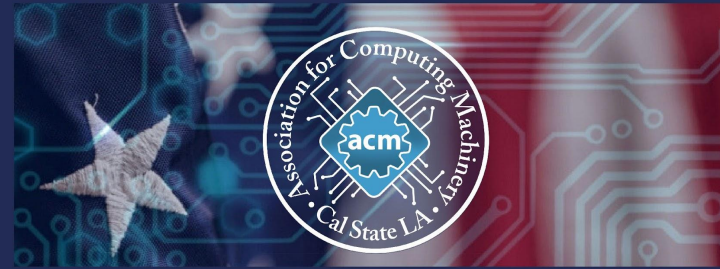
SPRING EVENTS

OF 2019



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)



COMPUTER SCIENCE CLUB

ACM 2019-2020 Leader Elections

Are YOU the Next ACM Leader?

Any ACM member is eligible to run for the 2019-2020 academic year! **Deadline** to apply for a position is

Fri. Feb 15th by 10:00pm



Elections will be held:



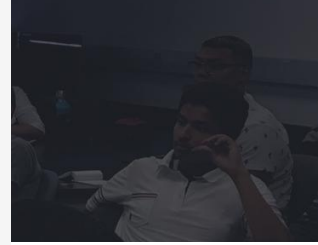
TUES. FEB 19TH | 3:00-4:20PM

ROOM: E&T C245



Online Sign Up Form will be on our website.
For a list of available positions or more information
scan the qr code or visit our site at:

acm.calstatela.edu



ACM's Bowling Night

cOME AnD
HAvE fUn with
tHe LEadeRS!!

A promotional poster for ACM's Bowling Night. The background is dark blue with a circuit-like pattern of glowing blue lines and dots. At the top center is the ACM logo, a circular emblem with 'Association for Computing Machinery' around the perimeter and 'acm' in the center. Below the logo, the text 'ACM Bowling Night' is written in a white, cursive script. The central image shows a bowling ball striking pins, with a bright yellow and orange explosion of light at the point of impact. Below this, the text 'GOLDEN MILE BOWLING' is written in white, all-caps, sans-serif font. Underneath that, 'FRIENDS. GAMES. FUN.' and 'Everyone welcome!' are written in a smaller white font. The date and location, 'FRIDAY FEBRUARY 22ND • 6 PM' and '1400 E VALLEY BLVD, ALHAMBRA, CA 91801', are listed in a bold, light blue, all-caps font. At the bottom, the pricing '\$4.75 a game per person' and '\$3.50 for shoe rental' is shown in a small white font.


ACM 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

Captain Marvel's Movie Fundraiser

- Announcement on the vouchers will be on **Discord on Friday, February 22nd.**
- Limited **BUY ONE GET ONE FREE** to the first few members.



CAPTAIN MARVEL

ACM MOVIE FUNDRAISER

FRI. MARCH 8. | 6:30PM

ALHAMBRA RENAISSANCE
STADIUM 14 AND IMAX

Bring your family and friends
to watch this special
screening!



www.acm.calstatela.edu

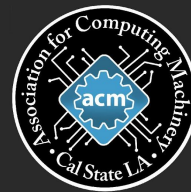
ASI ASSOCIATED STUDENTS, INC.
THE ACTIVITIES AND OPINIONS PRESENTED ARE NOT
NECESSARILY THOSE OF ASSOCIATED STUDENTS, INC.

Pizza & Boba Fundraiser

Support
acM!!

COMPUTER SCIENCE CLUB

PIZZA & BOBA FUNDRAISER



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

**WED. FEBRUARY 20TH
11AM - 3PM**

**WHERE:
KING HALL
MAIN WALKWAY**





Conclusion

- 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!