



Jason Alvarez |   |
@0xBanana



I HATE PROGRAMMING

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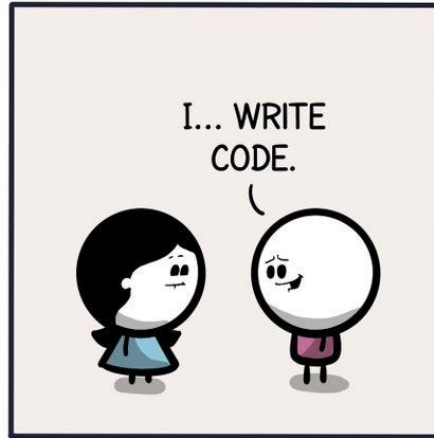
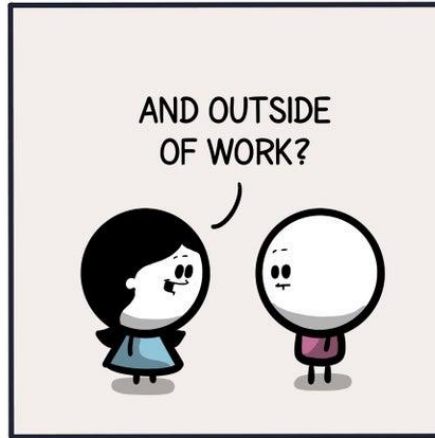
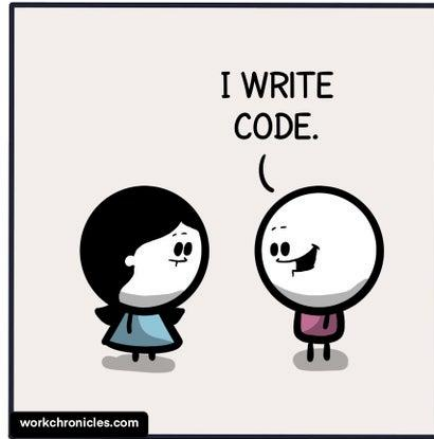
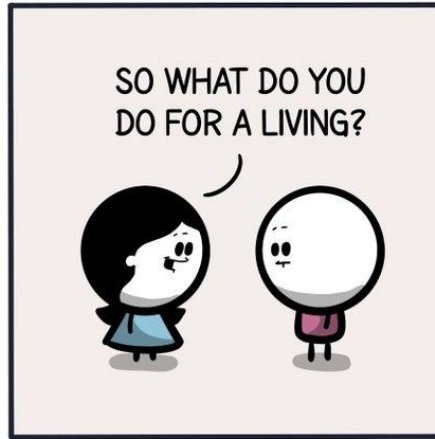
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IT WORKS

I LOVE PROGRAMMING





Pranay Pathole

@PPathole



Programming is like a “choose your own adventure game” except every path leads you to a StackOverflow question from 2013 describing the same bug, with no answer.

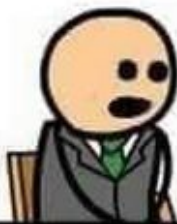
When you can't find an
example of code to steal
from StackOverflow



So, Bob, why should we hire you?



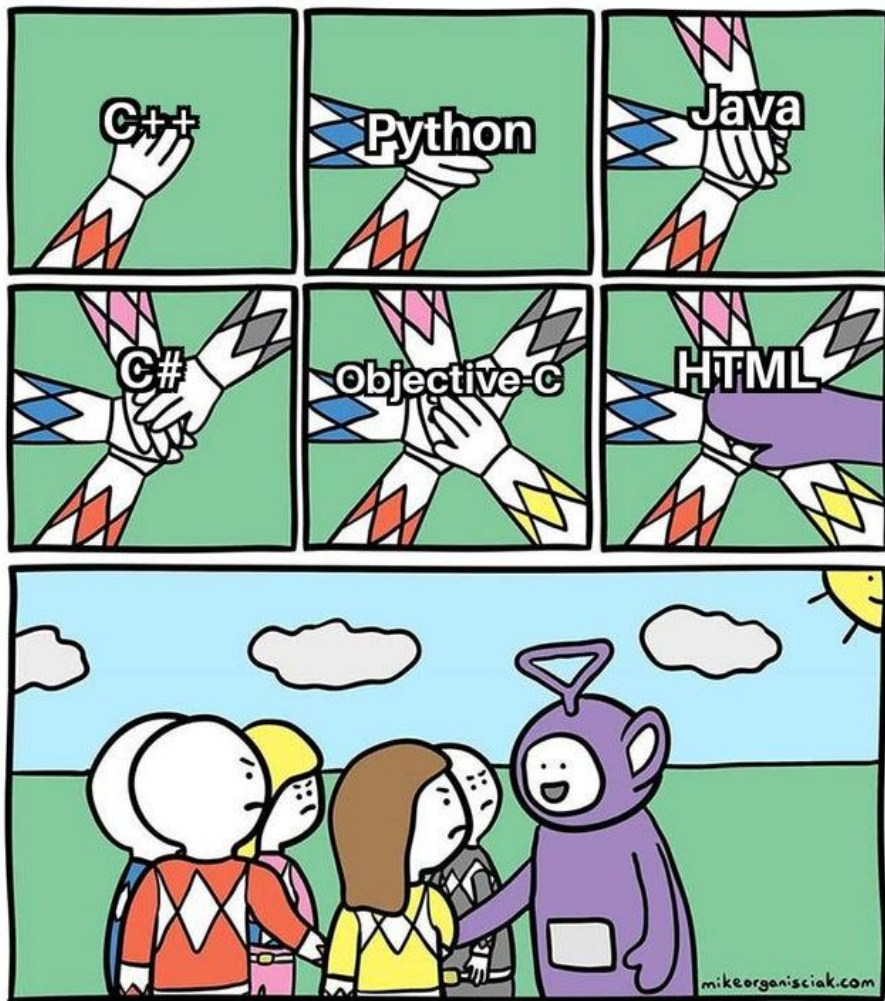
That's a stupid question.



WELCOME ABOARD!

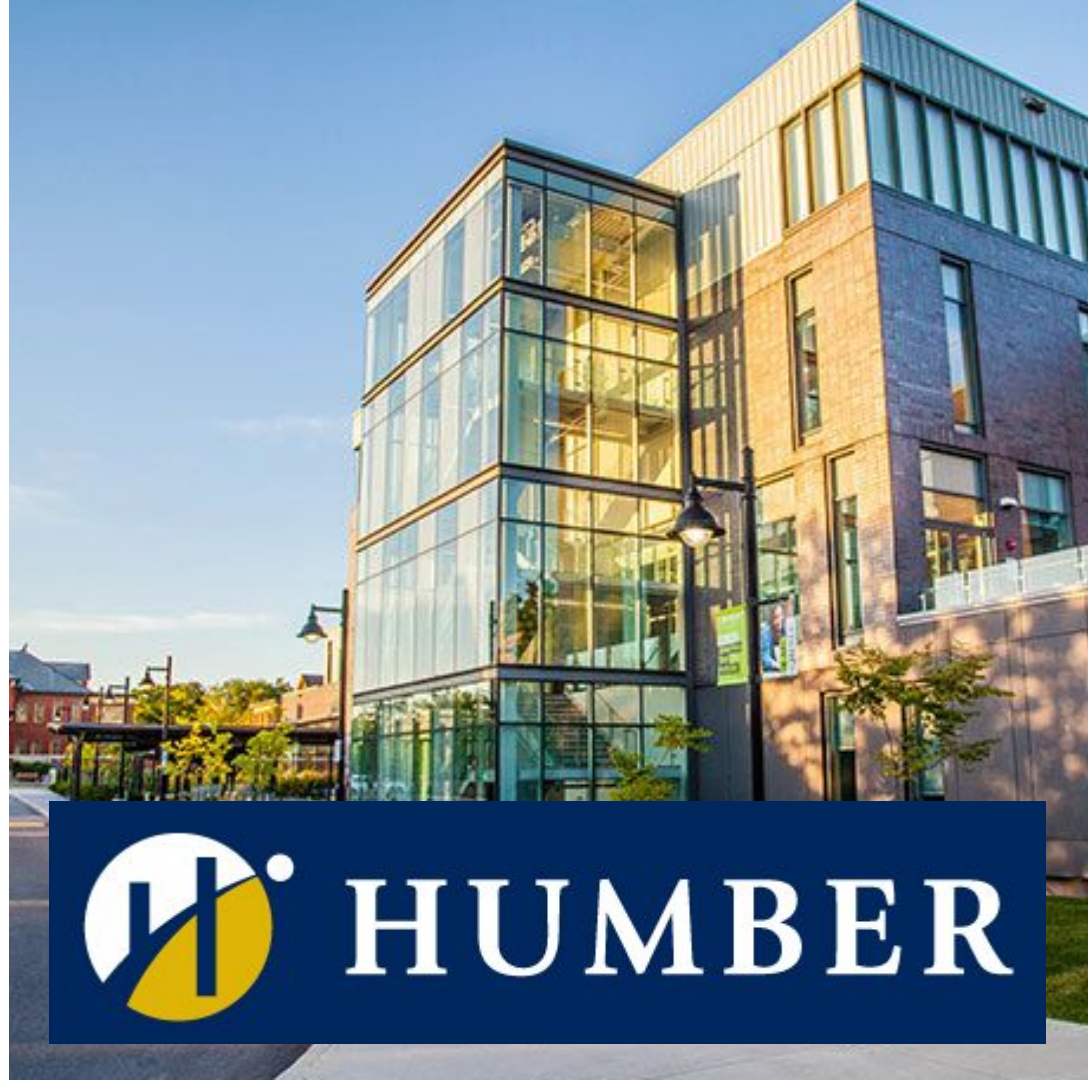


Cyanide and Happiness © Explosm.net



Adam Thomas

Professor, Media Studies and IT
Faculty of Media and Creative Arts
adam.thomas@humber.ca
codeadam.ca



HUMBER



Need Help?

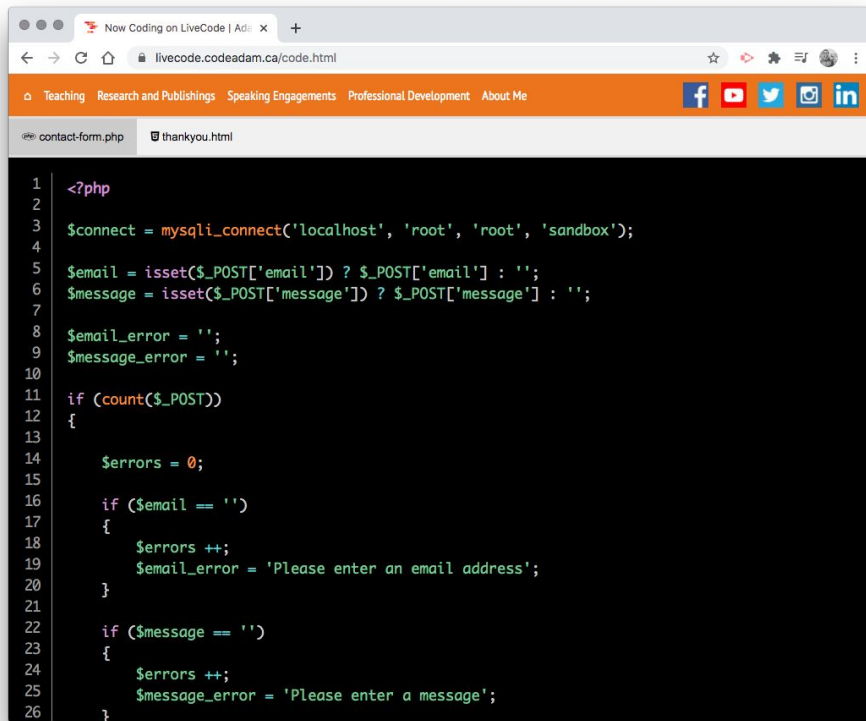
If you need help, please book a
one on one appointment using Calendly:

<https://calendly.com/codeadamca>

LiveCode Viewer

When I'm coding in class, my code will be available in plain text at:

<https://livecode.codeadam.ca/code.html>

A screenshot of a web browser window. The address bar shows 'livecode.codeadam.ca/code.html'. The browser has a navigation bar with links: Teaching, Research and Publishings, Speaking Engagements, Professional Development, and About Me. There are also social media icons for Facebook, YouTube, Twitter, Instagram, and LinkedIn. Below the navigation bar, there are two tabs: 'contact-form.php' and 'thankyou.html'. The main content area displays a PHP code editor with a dark background and light-colored text. The code is numbered from 1 to 26 on the left side. The code itself is a PHP script that connects to a MySQL database, checks for email and message input, and sets error messages if the inputs are empty.

```
1 <?php
2
3 $connect = mysqli_connect('localhost', 'root', 'root', 'sandbox');
4
5 $email = isset($_POST['email']) ? $_POST['email'] : '';
6 $message = isset($_POST['message']) ? $_POST['message'] : '';
7
8 $email_error = '';
9 $message_error = '';
10
11 if (count($_POST))
12 {
13
14     $errors = 0;
15
16     if ($email == '')
17     {
18         $errors ++;
19         $email_error = 'Please enter an email address';
20     }
21
22     if ($message == '')
23     {
24         $errors ++;
25         $message_error = 'Please enter a message';
26     }
27 }
```

1. Course Outline

Course Outline

Course Name: Special Topics in Web Development 1
(HTTP 5113)

Academic Year: 2021-2022

Faculty Availability:

Associate Dean:

Heather Lowry
heather.lowry@humber.ca

Schedule Type Code: HYB

Land Acknowledgement

Humber College is located within the traditional and treaty lands of the Mississaugas of the Credit. Known as Adoobiigok [A-doe-bee-goke], the “Place of the Alders” in Michi Saagiig [Mi-Chee Saw-Geeg] language, the region is uniquely situated along Humber River Watershed, which historically provided an integral connection for Anishinaabe [Ah-nish-nah-bay], Haudenosaunee [Hoeden-no-shownee], and Wendat [Wine-Dot] peoples between the Ontario Lakeshore and the Lake Simcoe/Georgian Bay regions. Now home to people of numerous nations, Adoobiigok continues to provide a vital source of interconnection for all.

Equity, Diversity and Inclusion Statement

Humber College and the University of Guelph-Humber (Humber) are leaders in providing a learning, working and living environment that recognizes and values equity, diversity and inclusion in all its programs and services. Humber commits to reflect the diversity of the communities the College serves. Students, faculty, support and administrative staff feel a sense of belonging and have opportunities to be their authentic selves.

2. Critical Path

Critical Path

Content Review/Workshops 12 - Weeks

- Codecademy modules
- StackOverflow participation
- Class Discussion
- Content Review
- Code Copying/Plagiarism Asynchronous Module



Blackboard®

Weekly Class Structure

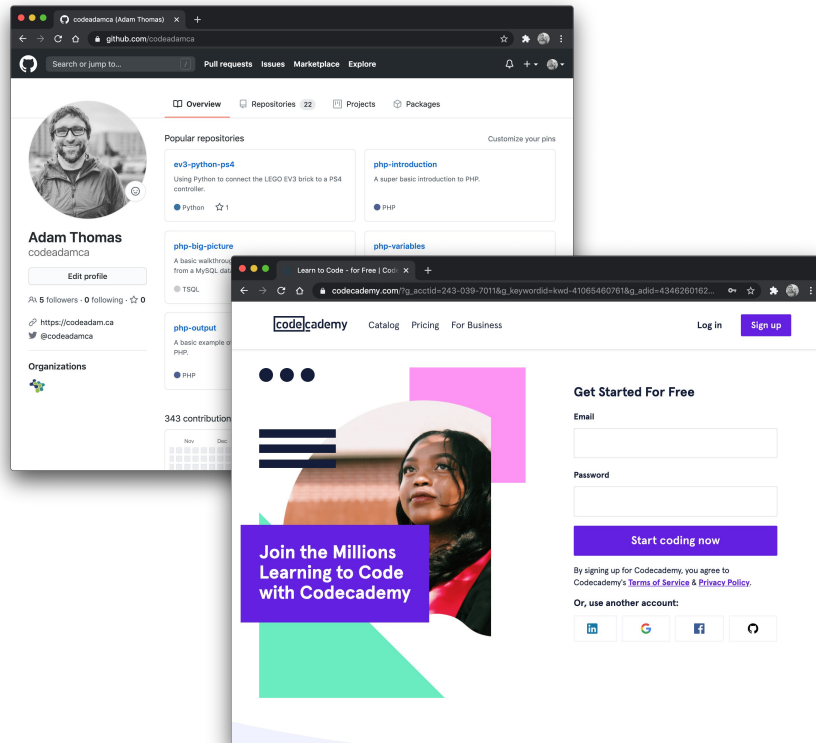
Synchronous Discussion

Most weeks there will be an one hour online synchronous session via Blackboard Collaborate Ultra.

All sessions will be recorded and posted to Blackboard.

Asynchronous

Each week there will be short asynchronous activities to be completed.



Midterm/Final Grade

This class is a **SAT/UNSAT** course.

There are six exercises to complete.

Midterm: Complete three Codecademy exercises to receive a **SAT** grade for midterm.

Final: Complete all six exercises to receive a **SAT** grade for your final grade.

3. Assignments

Assignments

Assignment 1: Codecademy

Complete the Codecademy lessons for Learn HTML, Learn CSS, and Learn JavaScript. If you are already comfortable with these topics, choose three courses of your choice.

Assignment 2: Stackoverflow

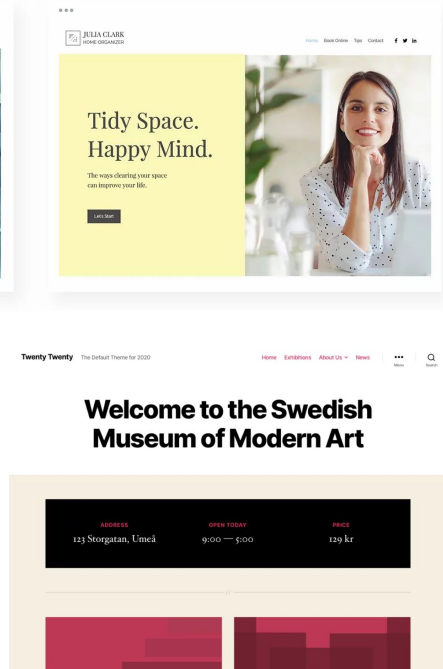
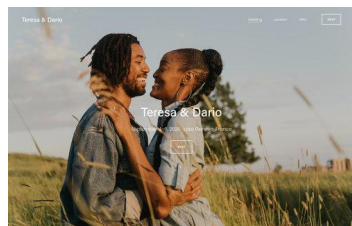
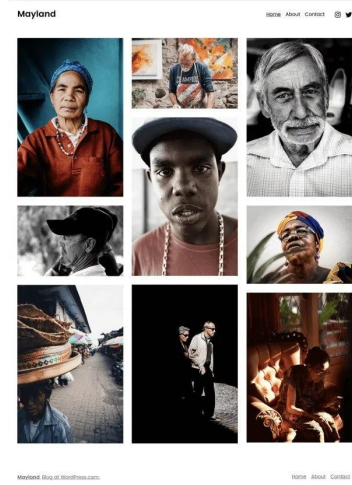
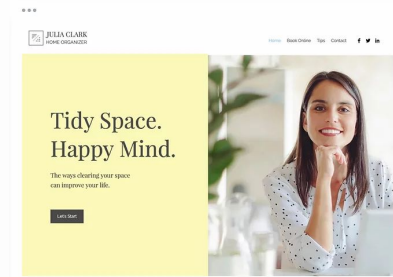
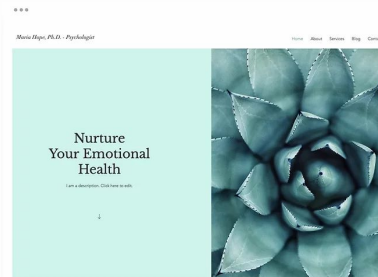
Throughout the course you will be required to post to Stackoverflow ten times. This may include posting a question or responding to the question of a fellow classmate.

Assignment 3: Plagiarism Asynchronous Module

Complete the Blackboard Plagiarism Asynchronous Module.

Assignment 4: Class Discussion

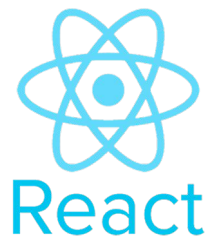
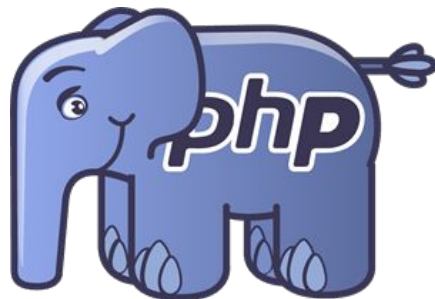
Participate in the weekly class discussions during synchronous sessions.



4. Program Content



Google
Cloud Platform



Firebase

**You don't need to learn all
these technologies.**

You should understand their
characteristics and roles.

Ask Anything!

Can you review HTML basics?

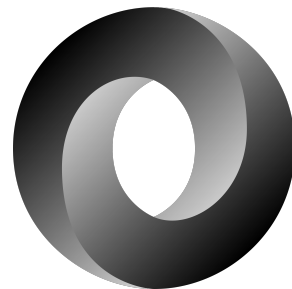
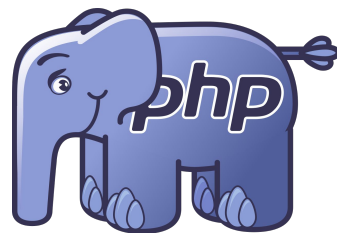
What is an Arduino or Raspberry Pi?

What is Node.js?

What is React.js?

What is Laravel and Lumen?

codecademy



5. Social...Kind Of

**Why did you decide to learn Web Development?
What previous experience do you have?**