

Welcome to Week 1

July 6–12, 2020

REMEMBER!!

Submit ALL of this week's challenges
(or screen shots of them) to
experience@iechamilton.ca
for your chance to win
1 of 50 \$10 Gift Cards
or the
GRAND PRIZE of up to \$300 towards an
online coding &/or technology related
activity, camp, course or subscription
(subject to approval).

Website Developer

Have you wanted to create and style your own websites? Website Developers do just that!

Web developers work with programming languages like HTML, CSS, and JavaScript to create websites and web applications. They will also most likely utilize other languages to set up email services, user authentication, databases, and other technical aspects of websites.

A Web Developer will find their career path may have jobs available in both the public and private sectors and is a great option for entrepreneurs and for those who wish to take on contract-based work. Salaries for this field can vary depending on where you choose to work, but you can expect to enter the occupation with a yearly income of \$40,000-\$50,000. This will only increase over time as skills develop further. Locally, in Hamilton, Web Developers with great skills are in-demand and the prospects continue to look good as Hamilton starts to become a very tech-intense city.

There are a few courses and programs at Mohawk College that can help lead you to a Web Development career path. Take a look at some of their offerings:

[Computer Systems Technology - Software Development - 559](#) - 2 Year Diploma Program

[Computer Systems Technician - Software Support - 548 - 558](#) - 2 Year Diploma Program

[Web Design & Development—971](#) -1 Year Continuing Education Certificate

[Graphic & Web Design](#) - Individual Continuing Education Courses

The Challenge!

This week, we are taking you to Khan Academy to explore “[Creating Websites](#)”.

You will find a series of videos to watch and practices for you to complete. To be entered to win one of the prizes this week, you will need to complete (and send in screenshots for) the following 4 challenges and project in the link:

1. [Write a Poem](#)
2. [You can learn text tags](#)
3. [Wishlist](#)
4. [A picture-perfect trip](#)
5. [Project: Holiday Card](#)

You can find our finished challenges on the next few pages.
Be sure to be creative when completing yours!

If you are interested in exploring HTML & CSS further,
there are lots of additional resources within Khan Academy.
Follow the [Go Beyond the Hour](#) link.

Send them to experience@iechamilton.ca once completed. Make sure you include your full name!

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Website Developer

Write a Poem

```

1 <!DOCTYPE HTML>
2 <html>
3   <head>
4     <title>Challenge: Write a Poem</title>
5     <meta charset="utf-8">
6   </head>
7   <body>
8     <h1>Go Outside?</h1>
9     <p>
10      Have you been outside today?<br>
11      It's just as well you don't.<br>
12      Perhaps it all will be just fine,<br>
13      But maybe, just maybe, it won't.<br>
14    </p>
15    Have you been outside today?<br>
16    I don't suggest you do!<br>
17    You're likely to simply melt,<br>
18    Into a big puddle of goo!<br>
19    <br>
20    Have you been outside today?<br>
21    It's super hot out there,<br>
22    Far too hot for lots of clothes,<br>
23    But we can't go out in underwear!<br>
24  </body>
25 </html>

```

Go Outside?

Have you been outside today?
It's just as well you don't.
Perhaps it all will be just fine,
But maybe, just maybe, it won't.

Have you been outside today?
I don't suggest you do!
You're likely to simply melt,
Into a big puddle of goo!

Have you been outside today?
It's super hot out there,
Far too hot for lots of clothes,
But we can't go out in underwear!

You did it!

Undo Start over

Step 2/2 Finish challenge

Text Tags

```

15 Frustrating. Confusing. Trying. Struggling.<br>
16 Until one day, you walk.<br>
17 One foot in front of the other. One idea on top
of the next.<br>
18 Each wrong answer making your brain a little bit
stronger.<br>
19 <strong>Failing is just another word for
growing</strong>. And you keep going.<br>
20 This. is. learning.<br>
21 It's not that you don't get it. <br>
22 You just don't get it, yet.
23 Because the most beautiful, complex concepts in
the whole universe<br>
24 are built on basic ideas that anyone, anywhere
can understand.<br>
25 Whoever you are, wherever you are.<br>
26 </p>
27 <p>
28 You only have to know one thing:<br>
29 <em>You can learn anything</em>.
30 </p>
31 </body>
32 </html>
33

```

Nobody's born smart. We all start at 0. Can't talk, can't walk, certainly can't do algebra. Adding, reading, writing, riding a bike. **Nobody's good at anything at first.** There was a time when Einstein couldn't count to 10. And Shakespeare had to learn his ABCs just like the rest of us. *Thankfully, we are born to learn.* Slowly. Surely. You stumble, slip, crawl, fall and fail and fall. Frustrating. Confusing. Trying. Struggling. Until one day, you walk. One foot in front of the other. One idea on top of the next. Each wrong answer making your brain a little bit stronger. **Failing is just another word for growing.** And you keep going. This. is. learning. It's not that you don't get it. You just don't get it, yet. Because the most beautiful, complex concepts in the whole universe are built on basic ideas that anyone, anywhere can understand. Whoever you are, wherever you are.

You only have to know one thing:
You can learn anything.

You did it!

Undo Start over

Step 1/1 Finish challenge

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Website Developer

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Wishlist


```

1 <!DOCTYPE HTML>
2 <html>
3   <head>
4     <title>Challenge: Wishlist</title>
5     <meta charset="utf-8">
6   </head>
7   <body>
8     <ol>
9       <li>Go Camping
10      <li>Go Swimming
11      <li>Play soccer
12      <li>Get a puppy!
13    </ol>
14  </body>
15 </html>

```

1. Go Camping
2. Go Swimming
3. Play soccer
4. Get a puppy!

You figured it out!



A Picture-Perfect Trip


```

1 <!DOCTYPE HTML>
2 <html>
3   <head>
4     <title>Challenge: A picture-perfect trip</title>
5     <meta charset="utf-8">
6   </head>
7   <body>
8     <h1>The perfect trip</h1>
9
10    <p>I would see scenes like...</p>
11    
12    <p>And animals like...</p>
13    
14    <p>And eat food like...</p>
15    
16  </body>
17 </html>


```

The perfect trip


I would see scenes like...




And animals like...



You did it!



Undo Start over 

Step 2/2 **Finish challenge**

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Holiday Card

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```

4
5 <title>CSS Basics</title>
6 <title>Project: Holiday card</title>
7 <style>
8
9
10 h1 {
11   color: rgb(87, 12, 148);
12 }
13
14 h3 {
15   color: rgb(168, 112, 214);
16 }
17
18 body {
19   background-color: rgb(255, 198, 99);
20 }
21 </style>
22 </head>
23 <body>
24 <h1>Happy Puppy Day!</h1>
25 

```

Happy Puppy Day!



Today we are getting a new puppy. We are so excited but there is lots to do before we get to pick her up.

These are the things we need to purchase before we pick up the puppy:

- food dishes
- kibble
- leash
- collar

Start over
Request help
Save

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