



Welcome to Week 8

August 24 - 30, 2020

Digital Careers

REMEMBER!!

Submit ALL of this week's challenges
(or screen shots of them) to
experience@iechamilton.ca
by Sunday at noon
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).

We have reached the final week of Virtual CODEfest 2020, where we have explored 7 unique digital careers and their educational pathways. We hope you have been introduced to at least one or two new creative outlets that may interest you, and look forward to helping you continue your own educational and experiential learning journey's throughout your educational years in Hamilton. If you aren't sure of your pathway, that is okay! Before you reach post-secondary options, you will experience high school and all that it has to offer. Remember to explore, experience and enjoy opportunities along the way. If you are heading to high school with HWCDSB soon, check out their [Path to Success](#) website to find out what you can take part in once you get there. HWDSB has amazing options too, so if you are headed there, check out their [Pathways & Programs](#). Make sure to ask questions, join in the conversations and have fun!

Mohawk College offers virtual Open Houses to help inform our Hamilton community of their programs, courses and options. You can take a peek around their [Technology Booth](#), check out what courses you may need as prerequisites and talk to your guidance counsellor about plans you may have/want to make.

We are very much interested in finding out more about your digital career interests. This week, reflect over the past 7 weeks and decide which you most enjoyed. We would like to hear a bit more about what you found interesting or what (or who) you are most wanting to learn more about. If you weren't able to join us previously, you can find all previous weeks [here](#).

We hope that you have enjoyed exploring Digital Careers and Mohawk College Program options with us, and hope you join us in a Hamilton Code Club at your school. Have a great last 2 weeks of summer, school will be back before we know it!

CODEfest is proudly sponsored and supported by:





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Challenge!

This week we want you to explore yourself and your interests a bit further. Some options will ask you to think about what you enjoy, others will provide information. Share your thoughts with us at the end.

- Quiz: What's your programming personality?
<https://www.codecademy.com/explore/sorting-quiz>
Does your result match how you feel you might fit into Digital Careers?
- Video: What Most Schools Don't Teach (2013)
<https://www.youtube.com/watch?v=nKlu9yen5nc>
- Video: Computer Science is Changing Everything (2016)
<https://youtu.be/QvyTE1wyOY>
- Video: Every School Should Teach Computer Science (2017)
<https://www.youtube.com/watch?v=Qdc4FOAlhas>
- Video: Careers in Tech
<https://code.org/careers-in-tech>
- Head back to your favourite CODEfest Week (all can be found [here](#) and choose any ONE of the "extra projects" to complete. (They are found in the green box each week).
- Send any feedback you have for us! What did you enjoy, what did you not like? Are there any subjects you would like to join us for to learn more about?

Tips:

- Remember to take screen shots/photos of your work or copy and paste it to an email to submit for prizes! Clicking the submit button does NOT allow us to see your work.

If you are interested in exploring an educational pathway within Information and Communication Technology, let us know and we will do our best to put you in contact with appropriate programs or organizations.

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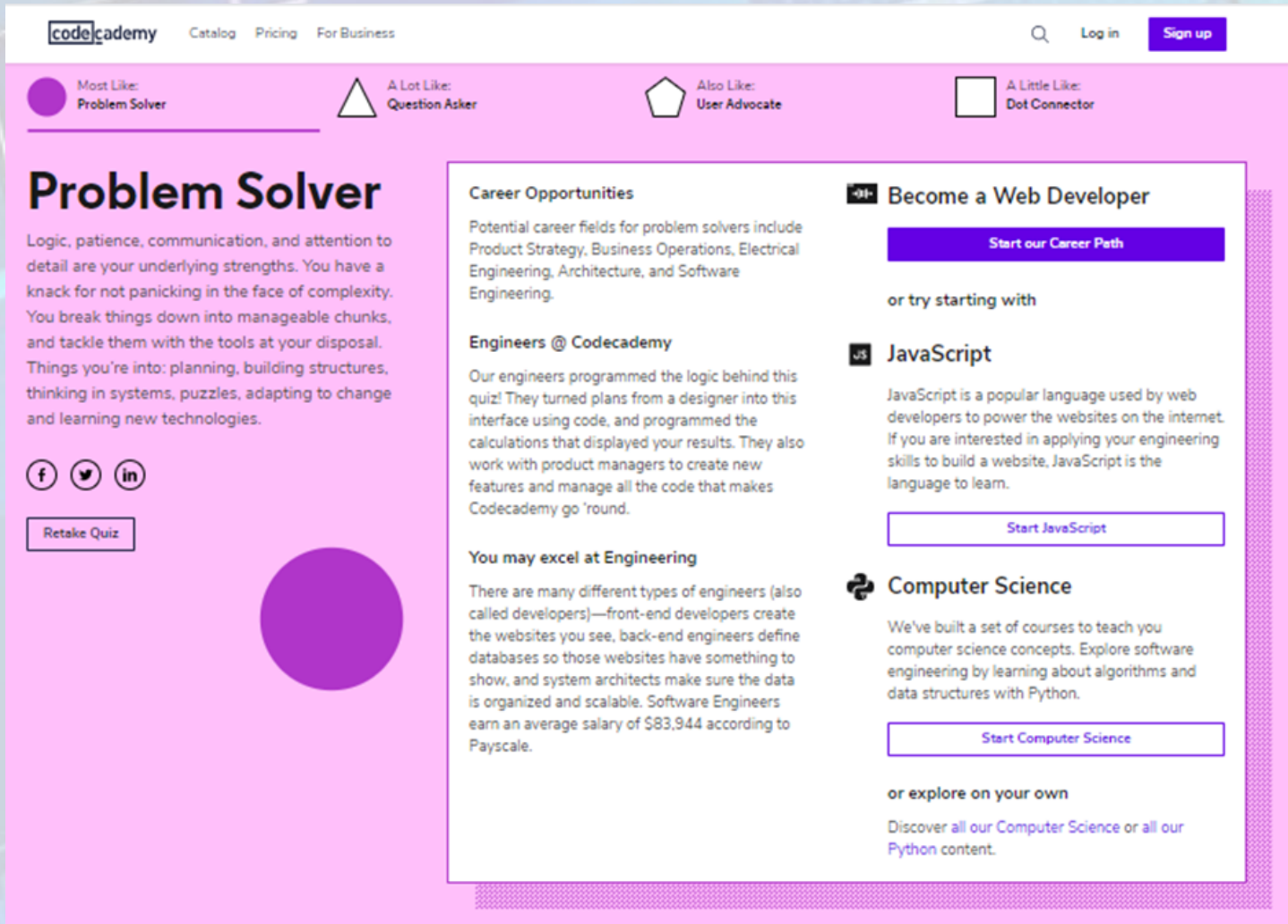
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Programming Personality



The screenshot shows the Codecademy website with a pink header. The navigation bar includes 'codecademy', 'Catalog', 'Pricing', 'For Business', a search icon, 'Log in', and a 'Sign up' button. Below the navigation bar, there are four personality icons: 'Most Like: Problem Solver' (purple circle), 'A Lot Like: Question Asker' (white triangle), 'Also Like: User Advocate' (white pentagon), and 'A Little Like: Dot Connector' (white square). The 'Problem Solver' profile is selected and highlighted.

Problem Solver

Logic, patience, communication, and attention to detail are your underlying strengths. You have a knack for not panicking in the face of complexity. You break things down into manageable chunks, and tackle them with the tools at your disposal. Things you're into: planning, building structures, thinking in systems, puzzles, adapting to change and learning new technologies.

Retake Quiz

Career Opportunities

Potential career fields for problem solvers include Product Strategy, Business Operations, Electrical Engineering, Architecture, and Software Engineering.

Engineers @ Codecademy

Our engineers programmed the logic behind this quiz! They turned plans from a designer into this interface using code, and programmed the calculations that displayed your results. They also work with product managers to create new features and manage all the code that makes Codecademy go 'round.

You may excel at Engineering

There are many different types of engineers (also called developers)—front-end developers create the websites you see, back-end engineers define databases so those websites have something to show, and system architects make sure the data is organized and scalable. Software Engineers earn an average salary of \$83,944 according to Payscale.

Become a Web Developer

Start our Career Path

or try starting with

JavaScript

JavaScript is a popular language used by web developers to power the websites on the internet. If you are interested in applying your engineering skills to build a website, JavaScript is the language to learn.

Start JavaScript

Computer Science

We've built a set of courses to teach you computer science concepts. Explore software engineering by learning about algorithms and data structures with Python.

Start Computer Science

or explore on your own

Discover all our Computer Science or all our Python content.

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