



skillsforhire

</level-up>

about the program

Skills For Hire was created to help fill the need for qualified talent in the tech sector. The program is free and begins with a pilot roll-out for residents of Nova Scotia and Newfoundland & Labrador who are at least 18-years-old, hold a high school diploma, and who are interested in web design and development.

The **level-up** course path includes:

- a catalogue of online courses in advanced web programming
- online courses in career building skills
- touchpoints with subject-matter experts
- a discuss channel for all participants

The **level-up** learning path will allow participants with an existing foundation in web design and development to add additional high-demand skills to their qualifications. We recommend mastering the foundational concepts covered in the **core skills** course path before attempting to learn additional skills from the **level-up** catalogue.

The program flows at a pace determined by each individual participant, but to get the most from the experience, participants aim to complete their courses in 6-10 weeks, and should align their learning with the program touchpoints with industry professionals on June 29 & July 13.

program schedule

June 1, 2020	Orientation Session	Zoom Virtual Meet-Up	12pm (NS) 12:30pm (NL)
June 29, 2020	Touchpoint	Zoom Virtual Meet-Up	2pm (NS) 2:30pm (NL)
July 13, 2020	Touchpoint	Zoom Virtual Meet-Up	2pm (NS) 2:30pm (NL)

access to level-up courses

Participants will have access to the **level-up** learning paths for up to six months after being accepted into the program. We suggest completing the entire **core skills** course path, including the job search and workplace productivity skills training, prior to attempting any **level-up** courses.



level-up course catalogue

jQuery 25 hours

jQuery is a fast and feature-rich JavaScript library that simplifies programming. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across multiple browsers.

PHP 17 hours

PHP is a widely-used and powerful open source scripting language. Files can contain text, HTML, CSS, JavaScript, and PHP code. PHP code is executed on the server, and the result is returned to the browser as plain HTML. PHP runs on various platforms and is compatible with almost all servers.

Node.js 37 hours

Node.js is a JavaScript runtime that uses a non-blocking I/O model that makes it lightweight, efficient and very popular among JavaScript developers who also need to write server-side code. Node.js delivers fast, scalable and reliable solutions.

SQL 11 hours

SQL is the standard language for relational database management systems. SQL statements are used to perform tasks such as update data on a database, or retrieve data from a database. Some common systems that use SQL are: Oracle, Sybase, Microsoft SQL Server, Access, Ingres, etc.

Python 31 hours

Python is an interpreted object-oriented programming language. Python has many built-in high-level data structures and utilizes dynamic typing and binding. This path will cover foundational concepts and scale up to working with web frameworks and programming a Raspberry Pi.

C++
46 hours

C++ is an object-oriented programming language that was originally created to be an extension of the C language, and these roots are still present today. C++ can be developed in the object-oriented style, or in the C-style, making it a truly hybrid language.

Ruby
6 hours

Ruby is an object-oriented programming language that allows developers to write clean and readable code with a huge amount of useful functionality built into its extended library. Ruby is based on dynamic typing and duck typing, allowing polymorphism without inheritance.

C#
48 hours

C# is the most commonly used language for leveraging the .NET Framework. Learning C# is a springboard to creating enterprise systems, desktop applications, websites and mobile applications. This learning path develops an understanding of how to leverage the language's advanced features.

iOS
31 hours

Learn to build iOS apps for iPhone and iPad. This learning path begins with the Swift programming language, explores Apple's Xcode IDE and covers all of the essential concepts, architectural patterns and techniques required to develop and build iOS apps.

Android
17 hours

Android is a powerful operating system that runs on a wide variety of platforms. Kotlin is a modern programming language that simplifies common programming tasks and empowers Android developers to create native Android applications with less code than using Java.

Version Control
12 hours

Git is a distributed version-control system for tracking changes in source code during software development. It is designed for coordinating work among programmers, but it can be used to track changes in any set of files. Its goals include speed, data integrity, and support for non-linear workflows.

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