ISX Canada and Fuller Academy
2020 Virtual Summer Camp

Programming in Python - 2 weeks
Learn the fundamentals of coding in one of the most popular programming languages. With Python, students will explore new skills and exciting challenges to advance their understanding of computers and programming all while learning a new language; the language of coding!

Coding for Animation - 2 weeks
Learn the fundamentals of coding in one of hottest programming languages; Processing! This unique programming language combines coding with digital arts to create animations. Designed for non-programmers to learn the fundamentals of computer programming, this language is a great starting point for even the most hesitant programmers to explore the creative side of code!

Website Design - 2 weeks
Have a website you love? Well, it's powered by HTML! In this course, students will explore this important programming language as they learn to create their own websites from scratch using HTML and CSS.

Video Game Design: 2 weeks
Why just play video games when you can design one yourself? Using Flowlab, students will explore what it means to be a video game designer as they develop an engaging story, design their levels and characters, and program their game mechanics. This course will lead students through the entire process of creating a video game from the ground up, leaving them with a fully playable and shareable video game to enjoy for years to come!

App Development - 2 weeks
Everyone has an idea for a great app, so why not learn how to make that idea a reality? Learn how to design your very own app prototype that you can download and use right on your phone! Learn about coding and programming, quality design, user experience and user interface, and more as you go through the process of creating an app from the ground up!

Digital Music Composition - 2 weeks
Learn to make your own beats and vocals through Ableton Live software for Mac and PC. Ableton Live is one of the most popular music production and composition software programs available, used by producers around the world. Our Ableton Live online course will teach you to create, arrange, edit, mix, and export your original songs.

Digital Graphic Design - 2 weeks
This course is for beginners to graphic design theory and for anyone who wants to learn the basic principles of color theory, typography, layout design, photography, logo design, branding, and more as it relates to graphic design. Students will be given real-world, applicable projects, and will achieve the experience and knowledge to take graphic design fundamentals and apply them in their everyday life.

Blockchain and Cryptocurrency 101 - 2 weeks
Drawing on various disciplines such as Cryptography, Business, Economics, Law, and Accounting, this course is designed for those who want to gain an base understanding of Blockchain innovation, cryptocurrency, and the underlying dynamics of how these new tools and potential applications will re-shape our view of social, economic, and democratic networks on a global scale.

Leadership & Public Speaking - 2 weeks
Communication is the key to success! In this course, students will learn the fundamentals of successful group leadership and public speaking as they work towards their final project; their first TED Talk! Students will choose their idea worth sharing and use the skills and strategies they have learned to present in a TED Talk-style presentation, as they boost their confidence, share their ideas, and make their voice heard! This course is perfect for students hoping to one day lead groups as a camp counsellor, teacher, business manager, tour leader, etc.

Fuller Solutions Lab: Pitch2Launch - 4 weeks
The Fuller Solutions Lab is a collaboratively interactive journey into the world of entrepreneurship and Social Enterprise. Using a design thinking template, student teams will work together to design a solution to an existing or future business problem or social need, create a "pitch" presentation, and then work towards a business launch plan, that they will present to a panel of industry experts.

Pricing:
1 x 2 week course $269 plus HST
2 x 2 week courses $499 plus HST
1 x 4 week course $499 plus HST

Course Times and Dates:
Mondays to Fridays 10 am - 12 pm
Session 1 July 6-17, Session 2 July 20-31, Session 3 August 10-24

All courses include asynchronous as well as synchronous learning content delivered by a teacher/facilitator online.

$20 discount per course for registrations prior to June 15

Register at: www.isx.ca/summercamp2020