



## Spotlight: Digital Economy

Computer Science is changing everything. All challenges and sectors are impacted by digitalization. The abundance of employment opportunities for those with digital skills is forecasted to continue expanding. ICTC's Digital Talent Outlook 2023 identified 15 of the top in-demand digital economy roles and outlines the top critical skills required for these roles. Many of these skills are transferable across sectors, such as graphic design for communicating data with ease.

A career in this sector will mean continuous upskilling as technologies evolve. Current desirable skills include data management and analytics, network security, cloud computing content, design, and service management, Java, Python, and mobile and software development.

Start from the beginning with binary code, try Brilliant Lab's monthly coding challenges, or check out w3schools.ca to pick from dozens of digital languages each with its own strengths!

Explore more careers and discuss what you have learned on flipgrid.com/digitaleconomy.



## Digital Economy Role Models



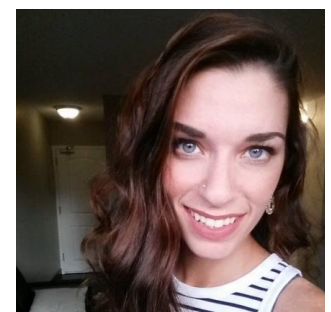
Lesley Chard – App Designer & Developer



Kayla Russell – IT Support technician



Niamh Redmond – Researcher, UX Designer, Strategist



Collette Garland – Microsoft Instructor



Click on the Role Models picture to learn about their STEM careers.

## Post-Secondary

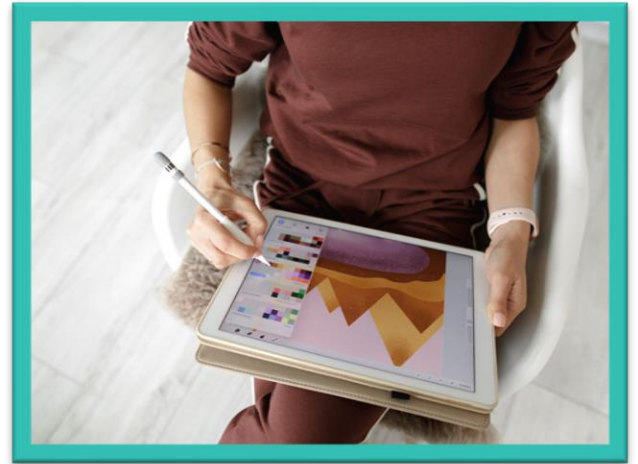


Memorial offers a variety of programs related to the digital economy which include [Computer Science](#), [Electrical Engineering \(video\)](#), [Computer Engineering \(video\)](#), and [Fine Arts](#).

CNA's [School of Technology \(video\)](#) offers diplomas in [Computer Systems and Networking](#) and [Software Development Co-Op](#).

CNA's School of Applied Arts additionally offers [Graphic Design](#), [Sound Recording and Production](#), [Digital Animation](#), and [Music: Performance, Business & Technology](#).

Academy Canada offers Diplomas of Technology in [Multimedia](#), [Graphic Design](#) and [IT Network Professional](#).



## Spotlight Activity



Lesley Chard, BSc Computer Science & Geography, Memorial University, is challenging you this month to start writing your resume in code! Using HTML, the language for building websites, and CSS, the language for styling websites, write the first draft of your resume that we can continue building on in the months to come. Lesley will also talk to you about User design and User Experience.

Other activities on [flipgrid.com/digitaleconomy](https://flipgrid.com/digitaleconomy) include becoming officially "Internet Awesome", a crash course on all things computer science, careers in cybersecurity, learning block code to deliver an Amazon package and fundamentals of graphic design!

**Role Model Unboxed Zoom sessions are scheduled for April 7<sup>th</sup>, 21<sup>st</sup> and every other Wednesday going forward.**

## Club News and Events

We're kicking off May with Science Odyssey week in which we will be learning about electro-magnetism with the help of geoscientists and a science kit getting delivered directly to you - be sure to check the mail regularly!

You can influence future months' themes and help us shape this year's "Techsplorer Unboxed" conference by completing [this career-challenge quiz](#) using code "S4Gexclusive" to signup.

Check the bulletin board for updates every Friday at [flipgrid.com/stemforgirlsclub](https://flipgrid.com/stemforgirlsclub)

