Up4 The Challenge is a dynamic, social startup based in Toronto and Ottawa. Our mission is to advocate the power of science, technology, engineering, and math (STEM) to improve people's lives. By highlighting the potential for science and technology to better our communities, we anticipate an increase in the diversity of people, perspectives, and ideas in STEM, resulting in more innovative and sustainable solutions to the complex, global challenges we face. Please visit our website for more information about who we are and what we do: up4thechallenge.ca.

Location:
Hybrid (primarily remote with possibility of joining in-person workshops in the Greater Toronto Area)

Goals:
This position is for you if you are interested in an opportunity to empower youth to create positive social change by helping them understand how STEM fits within the human-centred design process. Your goal for this project will be to assist in the creative design of educational programming for youth in grades 7-10 with schools and community-based organizations.

Project Deliverables:
- digitized educational materials and resources to support educators, such as instructional videos and engaging, online workshop exercises;
- a digital, accessible, and interactive group activity based on our STEM-flower worksheet, which may be integrated into existing classroom technologies such as smartboards;
- a populated database of searchable activities based on vetted STEM-educator resources.

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Responsibilities:
- collaborating with team members on the instructional design of activities and resources;
- coding and computer programming (e.g., for interactive activities and game design);
- identifying and testing existing, open-source/low-cost STEM activities and resources that support the grade 7-10 curriculum (e.g., computer-aided design software for 3D printing prototypes).
- facilitating virtual and/or in-person programs for youth with Up4 The Challenge team members, teachers, collaborators, and volunteers.

Learning Outcomes:
- practical experience in applying human-centered design principles to create engaging educational resources for youth and educators;
- enhanced skills in digital content creation, including programming;
- collaborative teamwork skills to leverage diverse perspectives for inclusive innovation.

Candidate requirements and recommended skill sets:
You should apply if you are a curious, self-motivated, and creative individual with a desire to bring opportunities to youth and to inspire them to use STEM for social impact!

In addition, we are looking for people who
- have strong analytical skills with experience in digital content creation, including proficiency in relevant programming languages;
- thrive in a team environment while also taking initiative to work independently as required;
- are interested in learning more about and practising human-centred design/design thinking;
- have a strong desire to contribute to and improve equity, diversity, and inclusion (EDI) initiatives in STEM with relevant experience in EDI efforts.
- have experience working with youth or children.

Commitment to Equity, Diversity and Inclusion:
We are committed to equity, diversity, and inclusion and encourage applications from equity-deserving groups who can contribute their lived experience perspectives to our collaborative work and co-learning.

To express interest: Please email your CV with a short statement of interest to contact@up4thechallenge.ca.