

Run in partnership with <u>UBC Geering Up</u> and <u>BCIT Computing</u>.

Technovation GirlsBC Program





Technovation GirlsBC - Free Programs

Technovation GirlsBC is a non-profit technology entrepreneurship competition where young women and girls* aged 8-18 work in teams to develop a mobile app or AI project that tackles real-world problems in the community. Work with volunteer mentors, complete weekly curriculum, and attend workshops & much more! See upcoming topics for the 2024 program below or see further details on our programming and events here.

Pre-Season Events

Getting Started with Technovation GirlsBC

Dec 14, 2024 | 6:30 pm - 8:00 pm | Online (Zoom) | Beginner, Junior, and Senior Division

Registration: Mark your calendar! By registering for the <u>Technovation GirlsBC 2024 Program</u> you will automatically receive an invitation to this workshop.

Join Technovation GirlsBC with our pre-season workshop on getting started with the program. During this event, we'll go over where to find key resources and how you can get started with curriculum and planning before the program kickoff in January. We'll discuss finding or creating a team and matching with a mentor and finally wrap up with an ideation presentation and activity.

Register for Technovation

*While the terms "women" and "girls" are used, our events invite participants who identify as women, girls, trans, genderqueer, non-binary, two-spirit, and gender questioning. If you do not identify with any of the above and are interested in similar programming, we highly encourage you to explore UBC Geering Up events.

Kick-off, Planning, and Ideation Events

Technovation GirlsBC Kickoff

Jan 17, 2024 | 5:30 pm - 7:00 pm | Science World, Vancouver | Beginner, Junior, and Senior Division

Embarking on a four-month commitment to build tech solutions for real-world problems is a decision worth celebrating! We are thrilled to kick off BC's chapter of Technovation Girls for the 2024 season with an evening dedicated to ideating, networking and connecting with the team members with whom you will embark on this journey. Excited to have you all there!

Join us in the 'Trailblazing - Women in Canada since 1867' exhibit at Science World, where the legacies of pioneering women ignite our inspiration to become technology trailblazers ourselves.

This kick-off event is for participants who have registered for the <u>Technovation GirlsBC 2024</u> <u>Program</u>.

Register Here

Real Problems, Digital Solutions Workshop

Jan 27, 2024 | 10:00 am - 2:00 pm | Online (Zoom) | Junior and Senior Division

Technovation Girls is a global competition for girls that form teams and compete to identify a community problem, learn app development skills, and create a tech solution over four months! This year, even an AI-driven app solution is on the table.

Join us for an introductory workshop that will enable you to identify community problems that need addressing while equipping you with basic coding principles for app development. This will be your glimpse into what participating at Technovation Girls can look like!

Register Here







Mobile Application & Machine Learning Development

Beginner Division in Thunkable Workshop

Jan 27, 2024 | 10:30 am - 11:30 am | Online (Zoom) | Beginner Division

This beginner-friendly workshop will focus on app development using Thunkable, which is a drag-and-drop app builder.

Through attending this workshop, students will learn fundamental coding concepts that will help them design and build their first mobile app. Students will learn to use Thunkable's drag-and-drop interface to design and build their very first mobile app. Participants will leave with a basic mobile app and resources so that they can continue to work on and personalize for their Technovation GirlsBC 2024 project.

This workshop is for participants who have registered for the <u>Technovation GirlsBC 2024 Program</u> in the Beginner division.

Register Here

App Inventor Workshop

Feb 24, 2024 | Time: TBD | Location: TBD | Junior & Senior Division

We will now be halfway through the Technovation GirlsBC 2024 season. It is time to solidify your technical skills by learning how to code an app! From using easy to navigate tools that will help build your visionary app to assessing which features are most pertinent for your app to be successful, we will have a day buzzing with individual skill development and team-based dialogue to help further along your Technovation pitch!

This workshop is for all participants who have registered for the <u>Technovation GirlsBC 2024 Program</u> in the Junior and Senior division.

Register Here







Senior Division Low Code Microcredential Courses

Jan 18 - April 4, 2024 | Online (Zoom) | Grade 12 Students

The <u>Low-Code Mobile Application Development microcredential program</u> at the British Columbia Institute of Technology teaches you to create mobile and business apps through visual drag-and-drop interfaces with simple logic, without coding from scratch.

We have the opportunity to offer up to 25 seats to students in grade 12 who would like to gain post-secondary credits and complete the Technovation GirlsBC Program at the same time for free.

Low-Code Mobile Application Development (LCAD) program is designed to provide you with a blend of practical technical skills and core competencies such as collaboration, digital literacy, critical thinking, and problem-solving that can be applied to a variety of industries. Upon completing this microcredential, you will have greater confidence in your ability to participate as an inventor, innovator, and agent of change to solve practical problems in our rapidly changing world.

This is an accredited post-secondary program. The time commitment is 2-3 hours after school on Thursdays from January 18 to April 4. Some homework, self-study and self-practice are expected beyond the hours of the course and may vary based on the students (ranging 1 to 4 hours).

More Information & Application Here

Project & Career Development

Drop-In Coaching Sessions

Jan 18 - Apr 4, 2024 | Weekly | Online (Zoom)

Coaching sessions are a great way to get feedback and advice without the commitment of weekly mentor sessions. In British Columbia, we will be offering virtual drop-in coaching from February to April on a weekly basis. There are also global coaches that can be booked in advance.

Coaches are topic specialists that teams can book time with to get answers to questions around a specific topics around ideation, coding, machine learning, business planning, and technical pitches. This can be a great way to get support for your team in topics outside of your mentors expertise.

Specific weekly Coaching topics will be released in January 2024. If you plan to work with a coach on a drop-in basis rather than with a mentor please add 'Technovation GirlsBC' as your mentor in the portal.







Career Exploration Day

Feb 16, 2024 | 10:00 am - 3:00 pm | Downtown, Vancouver | Junior & Senior Division

Technovation GirlsBC is more than just a competition. It is an opportunity to learn skills and to engage with industry professionals! Get inspired by the journeys of post-secondary students and tech professionals who started just like you—curious, passionate, and ready to make a difference.

Join us for a day dedicated towards touring tech companies based in downtown Vancouver where we will partake in a variety of activities ranging from panel discussions to one-on-one mentor chats!

This Company Tours Day event is for participants who have registered for the <u>Technovation GirlsBC</u> <u>2024 Program</u> in the Junior and Senior division.

Register Here

Program Wrap-up

Pitch Hackathon & Competition

April 13, 2024 | 9:30 am - 5:00 pm | BCIT Downtown Campus (555 Seymour St.) | Junior & Senior Division

Four months of hard work, creativity and perseverance will finally bear fruit during our Technovation Pitch Event! The event will focus on the crucial phase of refinement; participants will have the opportunity to work with their team, putting final touches on their project with the guidance of ambassadors, mentors and coaches.

To enhance your presentation, we'll conduct a short workshop focused on effective presentations, recording and editing videos, equipping you with the skills needed to create impactful content.

As the event progresses, teams will have the chance to either give a live presentation or showcase their pre-recorded pitch and technical demonstrations. This feedback is an opportunity to elevate your submission for the final time before you send it off for consideration at the global level!

This event is for all participants who have registered for the Technovation GirlsBC 2024 Program.

Register Here







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Volunteer With Technovation GirlsBC!



Interested in volunteering for Technovation GirlsBC? We are looking for mentors and coaches who are interested in helping girls develop their interest, skills, knowledge, and confidence they need to succeed in STEM education and careers.

Mentors **empower and motivate girls** to be leaders and problem solvers in their lives and communities. A computing background is not required and mentors with backgrounds in marketing, product development, project management, software development and other areas are encouraged to apply.

Find out more about these volunteer roles here.

Mentor	Coach
 Work one-on-one to support and motivate a team in the Technovation GirlsBC competition Commitment: Up to 2 hours weekly for 12 weeks; can co-mentor with a colleague Time Period: January through April Format: Flexible; virtual or in-person Requirements: No tech skills needed; background check required; virtual training 	 Provide feedback, guidance & motivate teams in a 30 minute to 1-hour session. Commitment: 2 - 12 hours; timing flexible Time Period: February through April Format: Virtual video conferencing, Thursday evenings; some in-person opportunities. Requirements: Technical, design, and/or business skills recommended; virtual training
<u>VOLUNTEER AS A MENTOR</u>	APPLY TO VOLUNTEER AS A COACH

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Email: info@TechnovationGirlsBC.ca|www.technovationgirlsbc.ca

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