

# UofTHacks X

## Hacker Package

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January 20-22, 2023 | Myhal Centre



# Welcome to UofTHacks X!

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Welcome to UofTHacks X! Congratulations once again on your acceptance! We are back for our 10th consecutive year, and we are incredibly excited that you are sharing this milestone with us! We look forward to seeing you **in-person** on the weekend of **January 20-22, 2023** where you can...

- Build unique and impactful projects!
- Experience new technology through interactive workshops!
- Make connections with professionals from industry leading companies!
- Be fed all weekend with free snacks, drinks and food!

This package will contain all the information that you need for the event.

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# TL;DR

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During opening ceremonies, we will be announcing this year's **theme**! You will have 36 hours to design, create, and present a project regarding this theme with a team of up to 4 hackers. There is no base knowledge requirement needed to participate and you're free to create anything your heart desires, as long as it's technology-based.

At the end of these 36 hours, we hope you have learned a new skill, built an innovative project, and made new connections!

This year, attached to your acceptance email is your **unique QR code**. Not only is it used to identify yourself during the event, but to also get access to all the workshops, mini-events, and most importantly your meals!

Please make sure to review the submission process well before the submission period, and make sure you are comfortable using the UofTHacks X Discord. Please check the schedule for any mini-events and workshops you'd like to attend. We have amazing sponsors who have worked hard to create workshops and deliver an interactive learning experience.

We want everyone to have a great time, so please make sure to be kind and have fun!

# Prizes



Oculus VR Set

Sony  
WH1000-XM4



Amazon Echo  
Dot (5th Gen)  
Cloud Blue

# Schedule

Date	Event	Time	Room
FRIDAY, JANUARY 20	Hacker Registration & Team Formation	5:00pm	MY 1F
	Opening Ceremonies	7:00pm	MY150
	<b>Hacking Begins! / Dinner</b>	9:00pm	MY 1F
	Cohere Workshop	10:00pm	MY490
	Trivia	11:00pm	MY480
	Cup Pong	1:00am	MY 1F/2F
	Snacks	2:00am	MY 1F
	Breakfast	9:00am	MY150
	Sponsor Booths	10:00am	MY 2F
	Lunch	12:00pm	MY 1F
SATURDAY, JANUARY 21	Life at Ubisoft Toronto	2:00pm	MY490
	Ubisoft HR Hour	3:00pm	MY490
	Dance it out!	5:00pm	MY480
	Protocol Labs Workshop	6:00pm	MY490
	Dinner	7:00pm	MY480
	Cookie Decorating	8:00pm	MY490
	Karaoke Night!	10:00pm	MY490
	Picture Bingo	11:00pm	MY480
	Pizza	1:00am	MY 1F
	TV Show Episodes	2:00am	MY480
SUNDAY, JANUARY 22	<b>Hacking Ends!</b>	8:00am	MY 1F
	Breakfast	9:00am	MY 1F
	Judging Begins	10:00am	MY150
	Awards & Closing Ceremonies	1:00pm	MY150



Food!



Sponsor Event



Mini Event

# General Info

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UofTHacks is a 36 hour hackathon, where over 500 tech-lovers come together to create innovative solutions to a theme provided during opening ceremonies. Teams of 1-4 can use any technology they'd like to create a design relevant to this theme. It's broad - as long as you can justify it under the theme, it will be accepted.

Each team will submit their project through our Devpost for judging and the chance to win an Oculus VR Set (1st), Sony XM4s (2nd), and Amazon Echo Dots (3rd)! Although only three teams will win these prizes, we hope that all of you come out with more than you came in with, whether this be a new technology, new connections, or new friends.

Submissions will be judged by the following guidelines listed on Page 12.

Good luck and have fun!

Please refer to the [MLH Code of Conduct.](#)

# Project Ideas

We know that sometimes it can be hard to think of what to create, so take some inspiration from these ideas if you need! Try not to exactly do something listed below, but get creative and put your own spin on things!

## Beginner

- Restaurant Finder
- Vacation Idea Generator
- World Weather Map
- Plane Booking Bot

## Intermediate/Advanced

- DIY Mars Rover
- Destination Planner
- AI Constellation Identifier
- Machine Learning Deep Sea Evaluator

# Coding Resources

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Below are some resources we have gathered to help get learning if you don't know where to start.

These aren't the only resources though, as there are many different websites/youtube channels/etc. Have fun and feel free to do whatever works for you!

**Free Coding Courses:** [Code Academy](#), [FreeCodeCamp YT](#) & [FreeCodeCamp site](#), [Codewars](#)

**Popular Language Documentation:** [C++](#), [Go](#), [Java](#), [Python](#), [HTML](#) & [CSS](#), [Javascript](#).

**Design Tips:** [Udemy's 'Intro to design of everyday things'](#)

**Git Resources:** [Git documentation & tutorial videos](#), [FreeCodeCamp's beginner Git tutorial](#)

**Pitching Resources:** [Useful pitch tips](#), [how to pitch video](#)

# Hacker Startup Checklist

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1. Review hackathon schedule
2. Learn the basics of Discord (Servers, Bots etc)
3. Learn/Review any technologies you want to use on your project
4. Sign up (Or note down if no sign ups needed) for any interesting workshops or mini events
5. Form a team if you wish (use the #find-a-teammate channel in Discord)
6. Go over rules and regulations for the competition

## In-Person Event Checklist

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- Sleeping Bag
- Toothbrush, toothpaste, hygiene products
- If you wear contacts, don't forget your saline solution or case!
- Any medications you may need over the 36 hours
- We recommend bringing a change of clothes
- Have your QR code on your phone at all times
- Water bottle
- Travel plans

# Workshops

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## **Life at Ubisoft Toronto – Programming and Technical Art:**

We will have two ambassadors (a Gameplay Programmer and a Technical Artist) talk about their roles at Ubisoft, their career path and impart advice to those who are looking to get into the AAA Game Industry.

**Ubisoft HR Hour :** Providing tips on Resumes, Cover Letters and Interviews for budding game developers.

**Protocol Labs Workshop:** Decentralized Storage Networks, Filecoin and Estuary Estuary is the easiest way to upload public data to Filecoin, the largest decentralized storage network (DSN) in the world.

A DSN allows for worldwide access to your data, a free market for storage and autonomy over your data which does not exist in the centralized storage model of today's corporations.

Using Filecoin, Estuary provides unlimited, free storage in aims of preserving the world's most important information, like AI training sets, climate data, political records, genetics or medical research and more. Estuary is open source and has many developer tools and APIs.

# Mini Events

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**Trivia:** Games of Kahoot will be hosted (the categories can be picked by the participants.)

**Cup Pong:** Games of cup pong will be hosted where teams of 4 will compete against one another in a friendly competition.

**Dance it Out:** Groups can jam to music/dance using online dance videos or freestyle!

**Cookie Decorating:** Come and unwind with a friendly cookie decorating competition (will be hosted right after dinner).

**TV Show Episodes:** Swing by to watch classic TV show episodes (i.e. Friends/The Office)- there will be popcorn!

**Picture Bingo:** Run around the venue with a team of 4 trying to complete activities on your bingo card there may or may not be a prize for the winners ;). Get a pattern of 5 on your card to win!

# Judging Criteria

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Your hacks will be judged on the following criteria:

## Technology

How technically involved is the project?

## Design

How easy and enjoyable is the user experience?

## Completion

How complete is the hack relative to the team's goals?

## Learning

How much of this project had the team never done before?

# Submission Guidelines

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You must submit your project to Devpost by 8:00 AM EST on January 22nd, before submitting your finalized team and challenge categories on the Google Form. We will release the Google Form at 7:00 AM EST, and the form will stay open until 9:00 AM EST.

## Overall Prize Category

This year, we are doing live presentations instead of video submissions. The presentations will be taking place in the Myhal Auditorium (MY150). Keep an eye out for a document outlining which presentation table your team is assigned to!. This document will be posted on Discord on Sunday, January 22nd by 9:30 AM. Judging will begin at 10:00 AM, and we expect all teams to be set up at their tables by this time. Your team will remain at your assigned table, and judges will circulate each round. This means your team will present during multiple rounds to multiple groups of judges. This also means that your team must be present for this judging period, or you will not be eligible to be considered for a prize. All hacks are submitted to the overall category by default.

## Sponsor Prize Category

Your team's submission should have a video that is 2-4 minutes maximum demoing your project. In the video, summarize your project, tell us why you made it, and how you built it. Include a link to your code (e.g. a GitHub repo), and identify any tools, libraries, etc. you used. If you made a hardware hack, tell us what hardware you used and how you made use of it. If you are submitting to a sponsor category, you must specify this when you submit the Google Form.

# Submission Guidelines

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## Devpost Requirements

- All team members must sign up on Devpost
- Your 4-minute maximum video submission (YouTube Link, or Drive Link). Please check permissions before submission.
- Description of your project in the specified project about section.
- GitHub Link (Make sure it is public!)

After submitting on Devpost, **you must verify your team by submitting to the Google Form to be eligible for prizes**: Link found in #submission channel on the official Discord server at 7:00 AM EST on Sunday, January 22nd.

## Google Form Requirements

- Project/Team's name
- All team members names + Discord usernames (ex: srinii#0143)
- List of challenges your project is eligible for.
- Devpost submission link (AFTER SUBMISSION)

# Frequently Asked Questions

## How do I form/join teams?

You can form your teams before or during the event. Please use the [#assign-roles](#) channel to give yourself the role “looking for a team”. You can then go to the [#find-a-teammate](#) to post about yourself and find other individuals to fill your team!

## Is there a maximum team size?

Each team can have up to 4 hackers. As long as they are a registered hacker with UofTHacks, there are no restrictions on who can be on your team. However, there may be challenges that have team member requirements to be eligible for specific prizes. More details will be announced during opening ceremonies.

## What are your COVID-19 regulations?

Our policy will reflect the University of Toronto's COVID protocols. The focus will be to ensure the event is a safe environment for all participants. We will have hand sanitizer stations, masks and disinfectant wipes throughout the venue.

## Are there travel reimbursements?

Unfortunately, we will not be providing any travel reimbursements. All participants are responsible for getting themselves to the event and bringing their own personal essentials for overnight stay.

# Frequently Asked Questions

## I am arriving late for registration. What should I do?

For your benefit, all UofTHacks Organizers recommend that you arrive between 5-6pm on January 20th for registration and check-in. Registration will close at 7pm before opening ceremonies. We will reopen the registration table for those who are checking in late after the ceremony!

## How do I get there? Where do I park?

Location: **Myhal Centre for Engineering Innovation and Entrepreneurship, 55 St George St, Toronto, ON M5S 0C9**

The closest TTC subway station to this building is Queens Park Station. A route is displayed in yellow to get from Queens Park Station to Myhal Centre.



Paid parking is available, and is managed by the University of Toronto. Click [here](#) to see available parking locations, and fees.

# Useful Links

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Discord: <https://discord.com/invite/2VvKeesGPy>

Website: <https://uofthacks.com>

Devpost: <https://uofthacks-x.devpost.com/>

# Thank you to our Sponsors!



Protocol Labs



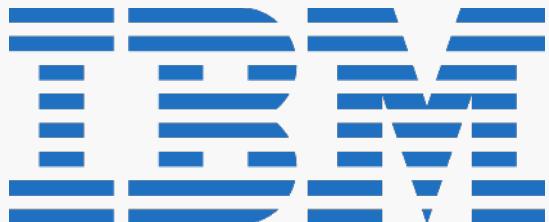
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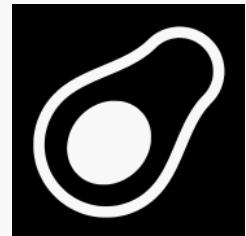
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