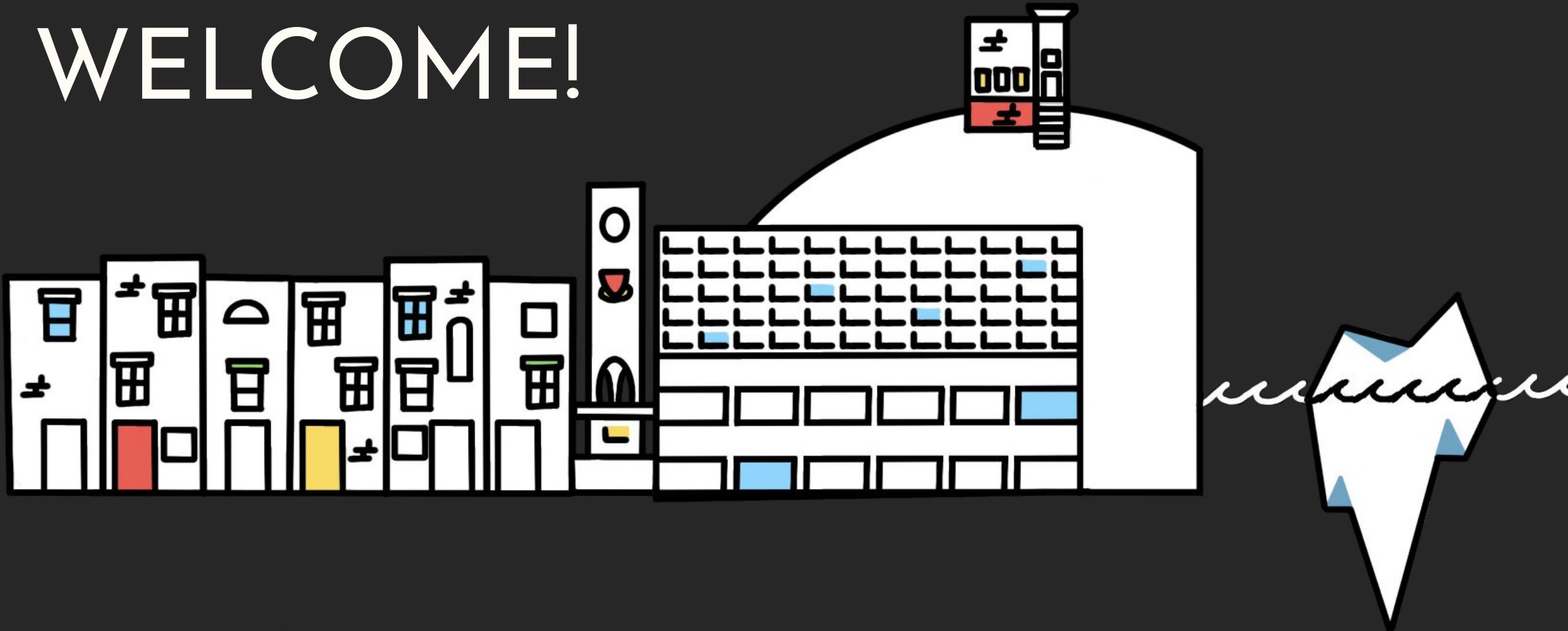


WELCOME!



What is a Hackathon?





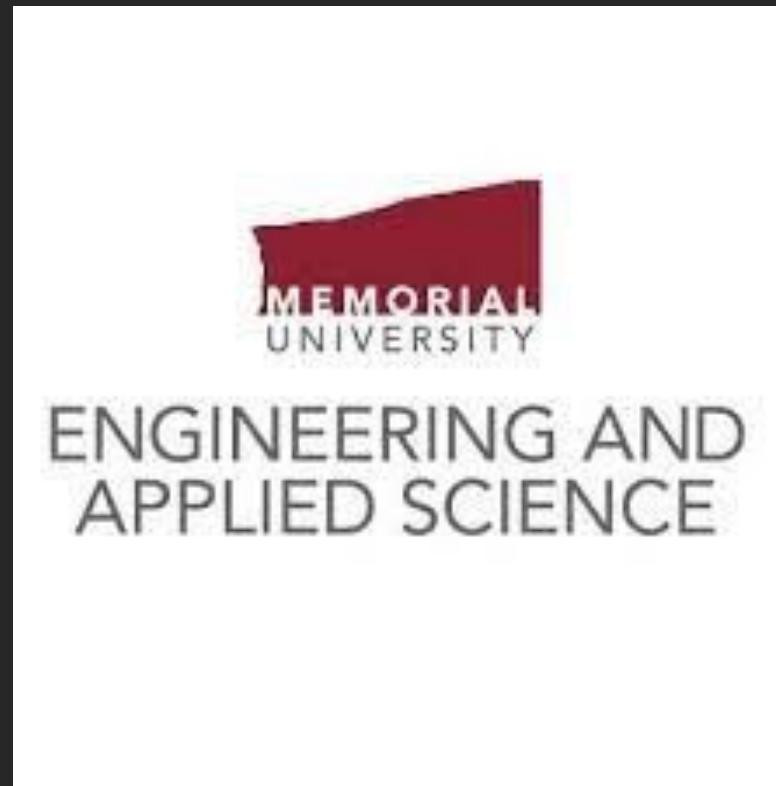
genesis

A Word From Our Partner

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**COMPUTER
SCIENCE**
SOCIETY



Join our Discord.

JOIN OUR **COMMUNITY** AND TAKE
PART IN OUR **COMPETITIONS**.
WIN COOL PRIZES AND MAKE
NEW FRIENDS!



BE PART OF THE COMMUNITY.
#HACKFROSTNL

HFNL 3.0 Challenge

*“How can we use
technology to reduce the
carbon footprint of
Industry deliveries?”*

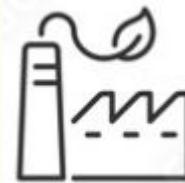
Areas to explore



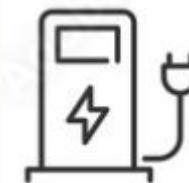
Route
Optimization



Carbon
Offsetting



Sustainable
Packaging



Alternate
Fuel



Supply Chain
Optimization



Data
Analytics



Alternate
Energy



Energy
Efficiency

Statistics to think about

- Transportation is responsible for 24% of global CO2 emissions from fuel combustion, with road transport being the largest contributor - IEA.
- The carbon emissions from e-commerce deliveries are expected to triple by 2025, according to a report by the World Economic Forum.

Statistics to think about

- The transportation sector in the US accounts for 28% of greenhouse gas emissions, with medium and heavy-duty trucks as the main contributors.
- The logistics industry accounts for about 7% of global carbon emissions, according to the Smart Freight Centre
- Logistics firms could cut their carbon emissions by up to 30% by adopting sustainable practices - European Environment Agency study.

You must clearly identify a sector(s) and their problem in your pitch

Deliverables

- ✿ Each team must create a page for their project on **Devpost** by 11:30AM NST on Sunday.
- ✿ Each team will do a 5-minute live pitch on Sunday, and will have a 5 minute Q&A period
- ✿ Link will be put on Discord and the Website



Deliverables

- ⌘ Teams can be creative with the way they present their solution i.e
slideshow, demo ..etc

Judging

- ✳ **Round 1:** 3-4 pools in parallel, schedule to be announced Sunday around 11:45AM NST. The first team will present at 12:00PM.
- ✳ **Round 2:** Top 2 teams from each pool will present again in front of a new set of judges. Starts 3:00PM NST.

What can you build?

- ✳ Anything:
 - ✳ an app,
 - ✳ an ingenious solution,
 - ✳ a physical prototype,
 - ✳ a crazy startup idea
 - ✳ a combination of the above, or
 - ✳ Anything at all!

Judging Criteria

Hack Frost NL 

JUDGING CRITERIA

Category	Description	Points
Feasibility	The team has clearly identified a problem related to the prompt	15
Feasibility	The team has clearly described a solution that utilizes technology to address the problem	15
Feasibility	The proposed solution has the potential for deployment and scaleability	10
Creativity/Design	The solution shows creativity and introduces a new "approach" to offsetting carbon emissions	15
Creativity/Design	The solution takes into consideration both environmental impact and the well-being of staff involved in the industry delivery process	10
Creativity/Design	If implemented successfully, this would significantly impact carbon emissions	10
Presentation	The presentation is clear, concise, on time and provides evidence for decisions	10
Presentation	The slideshow/visual presentation is professional in appearance and appropriately designed	5
Presentation	There is evidence of teamwork and leveraging the strengths of the whole team	5
Presentation	The team responded well to questions	5
Total		100

Timeline & Rules

HACKATHON TIMETABLE

MARCH 31, FRI
TO
APRIL 2, SUN



FRIDAY

Team Formation Session	5:00 PM - 6:30 PM
Opening Ceremony	6:30 PM - 7:30 PM
Pizza Sponsored by Genesis	7:30 PM - 8:30 PM
Team Collaboration	8:30 PM +



SATURDAY

Breakfast Sponsored by Aker	9:00 AM - 10:00 AM
Mentor Sessions/Team Collaboration	11:00 AM +
Lunch Sponsored by Schlumberger	12:00 PM - 1:00 PM
Sponsor Booths	1:00 PM - 3:00 PM
Workshop - Genesis - Pitch Clinic - IIC 2001	3:00 PM - 4:00 PM
Genesis Pitch Showcase- IIC 2001	4:00 PM - 5:00 PM
Networking and Refreshments Sponsored by Genesis	5:00 PM - 6:00 PM
Team Collaboration	6:00 PM +
Mini Game - Sponsored by Bounce	8:00 PM - 9:00 PM



SUNDAY

Breakfast Sponsored by Genesis	9:00 AM - 10:00 AM
Workshop - Github with Girish - IIC 2001	10:00 AM - 11:00 AM
Lunch	11:00 AM - 12:00 PM
Submission Deadline	11:30 AM
Judging Round 1	12:00 PM - 3:00 PM
Judging Round 2	3:00 PM - 5:00 PM
Mini Game - Sponsored by MCE	5:00 PM - 5:30 PM
Closing Ceremonies and Awards Ceremonies	5:30 PM - 6:00 PM



Code of Conduct

- Remember that hackathons are like marathons. Some people go to compete, but most people take part to better themselves and have fun.
- Whatever the reason is you are at a hackathon, make sure you are upholding the **hacker spirit** by being supportive of your team members and other teams!

Rules

- Teams must stop hacking at **11:30 am NST** Sunday
- All the work on the project should be completed at the hackathon
- Teams can take inspiration from existing ideas or use libraries, frameworks, or open-source code in their projects

Disclaimer

- Teams can be disqualified from the competition at the organizing committee's discretion. Reasons might include but are not limited to:
 - Breaking the Competition Rules
 - Breaking the Code of Conduct
 - Other unsporting behaviour

Some Tips

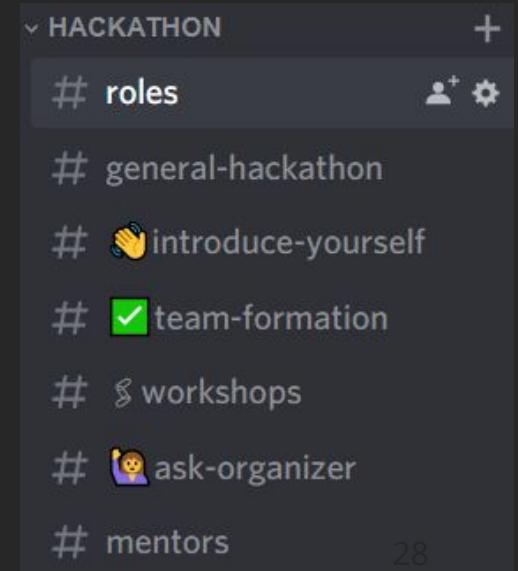
- ✿ Maintain positive energy in the team
- ✿ Don't be afraid to ask questions, seek help
- ✿ Try to have fun and focus on learning
- ✿ Understand the judging criteria to know how you'll be evaluated
- ✿ Don't try to build a perfect product, instead try to build a minimum viable product that shows promise of being a perfect product

Resources

Resources: Discord Support

- ✿ Make sure to react to the message in #roles to get the @hacker role.
- ✿ Organizers will be available later into the evening
- ✿ Please make sure to ask in the channels.

Avoid direct messaging organizers as much as possible.



Resources: Mentors

- ✳️ Want to chat with a person who has some experience about your project? Mentors can help bounce ideas and provide feedback
- ✳️ Mentors will be available starting 11 am Saturday

Resources: Resources Doc

- ✳ We combined useful articles and online resources to help you tackle the challenge
- ✳ The document will be shared on Discord and the website tonight

Prizes

\$6000 will be divided among top 3 teams:

- First place: \$3000
- Second place: \$2000
- Third place: \$1000

Our team

Our Team



Madison Emshey
President



Paulina Alhassan
Logistic Lead



Rahaf Hajahmad
Operations Lead



Parsa Esmkhani
Sponsorship Lead



James Yacim
Marketing

Our Team



Hamideh Mehri
Operations



Umama Rahman
Operations



Laith
Operations



Girish Verma
Operations



Erfan Tajalli
Sponsorship



Mahek Parmar
Logistics



Mohammed Balfaqih
Website Developer



Rishi Gandhi
Logistics



Emad Salim
Logistics

Our Advisors



Daniel Grillo
Advisor



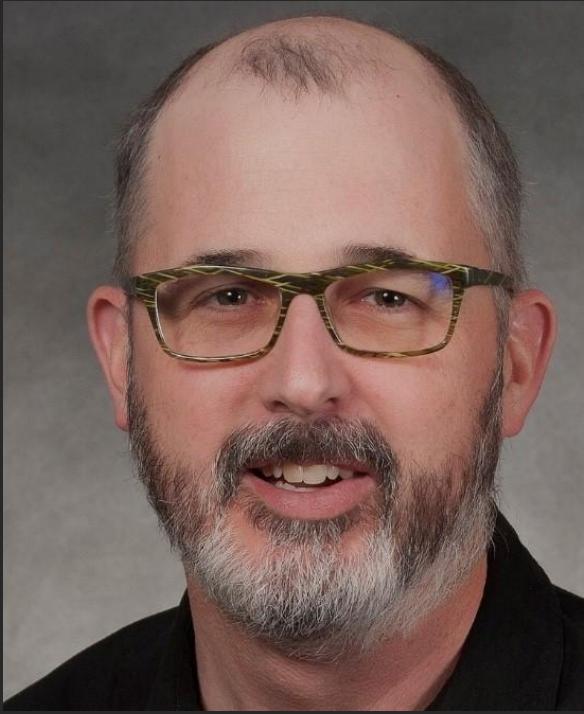
Kamal Ali
Advisor



Youssef Ali
Advisor



Matthew Emshey
Advisor



Motivation with Mike

Final Words

- ✳ No pressure to build the next big startup, if you learn something new or just have fun, that's a win.
- ✳ We believe an important part of learning is feedback, so we'll make sure each team gets some feedback on their project from the judges.

Next Steps

- ❄ Confirm your team by 10am, Sunday
- ❄ Check out the schedule
- ❄ Start working on your projects!



STAY FROSTY