

2026 Hacked



Presented by the Computer Engineering Club

Treaty 6

The University of Alberta, its buildings, labs and research stations are primarily located on the territory of Nêhiyaw (Cree), Niitsitapi (Blackfoot), Métis, Nakoda (Stoney), Dene, Haudenosaunee (Iroquois) and Anishinaabe (Ojibway/Saulteaux), lands that are now known as part of Treaties 6, 7 and 8 and homeland of the Métis. The University of Alberta respects the sovereignty, lands, histories, languages, knowledge systems and cultures of all First Nations, Métis, and Inuit.



The Team

Club Presidents: Ruchali Aery & Ryan Genereux

Hackathon Director: Sahibjot Singh

Volunteer Team

- Suvir Duggal
- Manya Dawar
- Avighna Cherkupalli
- Prisha Sathya
- Aaron Bernard
- Rayner Dcunha



Safety

1. Zero tolerance for sexual harassment, misconduct, violence or threats to other participants during the event
2. Please arrange safe rides home, THIS IS NOT AN OVERNIGHT EVENT
3. Join the discord to stay up to date with major changes
4. Be smart and be safe!



Event Sponsors

The logo for ATB, consisting of the letters 'ATB' in a bold, white, sans-serif font, centered within a solid blue square.

ATB



Prize Sponsors



Prize Sponsors



Prize Sponsors



**Engineering
at Alberta**



Thank you to the ECE and CMP Department!!



General Guidelines

48 hours to build a software or hardware project
(groups of 5 people max)

No code can be written before **Hacking Start Time**
(announced on Discord and in-person)

Push all your code to a Github Repo, create a
Devpost, and get judged for prizes!



General Schedule - Check Discord

Friday

10:30 AM - Opening Ceremonies

When announced! - Hacking Starts!

12 - 4 PM - Workshops

5/6 PM - Dinner

10 PM - Doors Close



General Schedule - Check Discord

Saturday

9:00 AM - Doors Open

12 - 4 PM - Workshops

5/6 PM - Dinner

10 PM - Doors Close



General Schedule - Check Discord

Sunday

9:00 AM - Doors Open

When Announced! - Hacking Ends! And Judging Begins

5:00 PM - Closing Ceremonies



Workshops

Friday

1 PM: Embedded Design: Steven Knudsen

Saturday

11 AM: Business Model 101 for SASS: Edmonton Unlimited

1 PM: ML: Catch Bugs Before They Fly: IEEE



Mentors

Hardware

Steven Knudsen

Software

Fred Drury (IEEE)

Glenn Edgar (ATB)

Andrews Essilfie (ATB)

Xiang (Sam) Bao (ATB)

Thank You



Judges

Hardware & Software

Zony Yu

Kirsten Sokolovski

Saida Barre

APIC & RCES

Shane Fraser

Ben Krett

Thank You



Judges

DivE

Cor-Paul Bezemer

Castor Shem

CMP

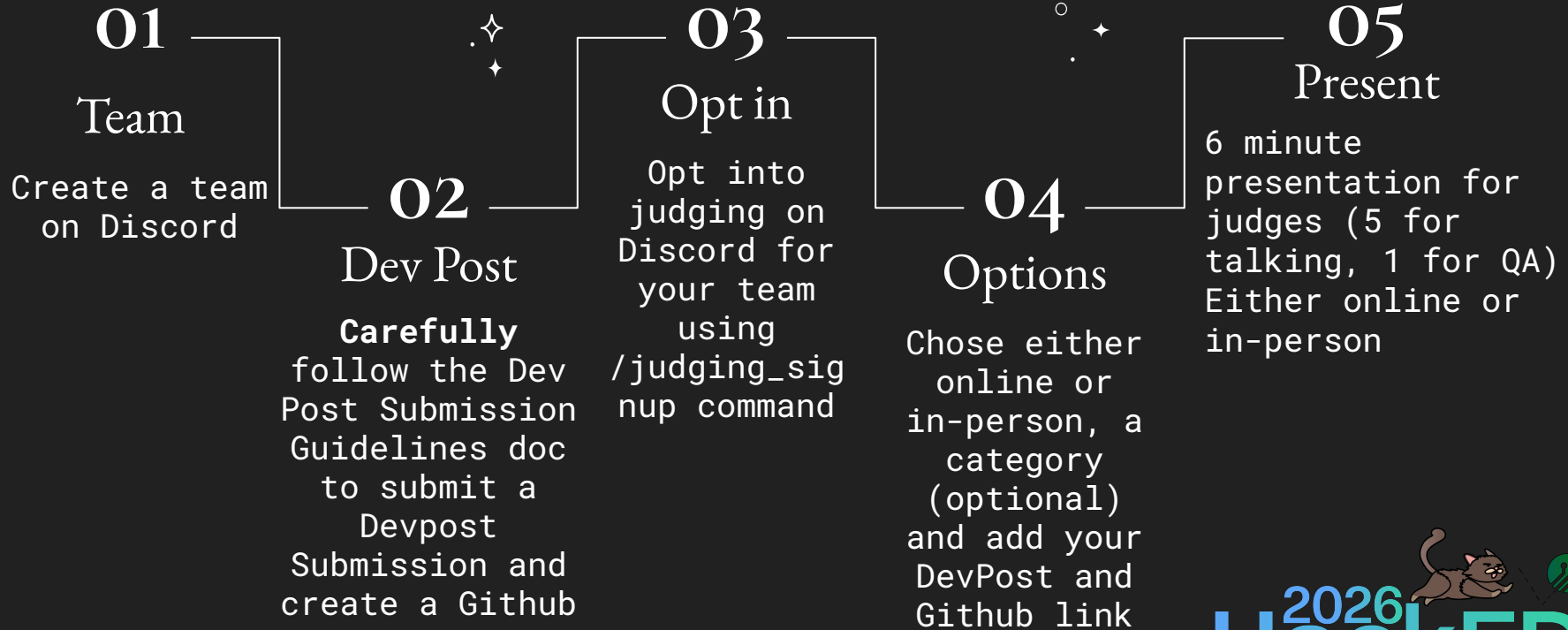
Nima Shirzad

Yitong Li

Thank You



Judging



No Edits After Hacking Time Ends

1. You must submit to Devpost (Link coming soon)
2. Opt into Judging
3. Stop Pushing to Github





Presented by the Computer Engineering Club

PRIZES

Each team can win 1 Prize max

Prizes: HackED Main Prizes

Criteria

There is no theme! Create whatever you like!

- Execution: How well does it work?
- Complexity: How much skill was required to create it?
- Polish: Are there significant bugs? Is it presentable?
- Originality: Have we seen it before?
- Utility: Can it address a need/improve someone's life?



Prizes: HackED Main Prizes

1st: \$1100 + Mentorship Opportunity
Edmonton Unlimited

2nd: \$800

3rd: \$600



Prizes: Hardware

Criteria

There is no theme! Create whatever you like! Include Hardware!

- Execution: How well does it work?
- Complexity: How much skill was required to create it?
- Polish: Are there significant bugs? Is it presentable?
- Originality: Have we seen it before?
- Utility: Can it address a need/improve someone's life?



Prizes: Hardware



1st: Arduino Kits + Mentorship Opportunity
Edmonton Unlimited

2nd: Arduino Kits



UNIVERSITY
OF ALBERTA

Faculty of Engineering

Department of Electrical and Computer Engineering



Prizes: CMP Department

Prompt:

A team must consist of all members being part of the engineering department, and it must be one of these departments (follows main HackED Judging criteria):

- **Department of Civil and Environmental Engineering:** Enrolled in Civil Engineering, Environmental Engineering, Mining Engineering, or Petroleum Engineering at UofA



Prizes: CMP Department

1st: \$500

2nd: \$300

3rd: \$200

**Civil & Environmental
Engineering and the
School of Mining &
Petroleum Engineering**

Faculty of Engineering



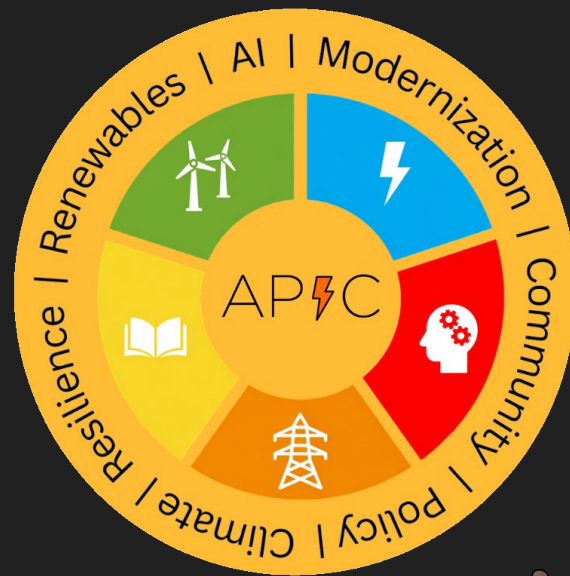
Prizes: APIC & RCES



Energy Theme Powered by APIC (Alberta Power Industry Innovation Centre)

Theme:

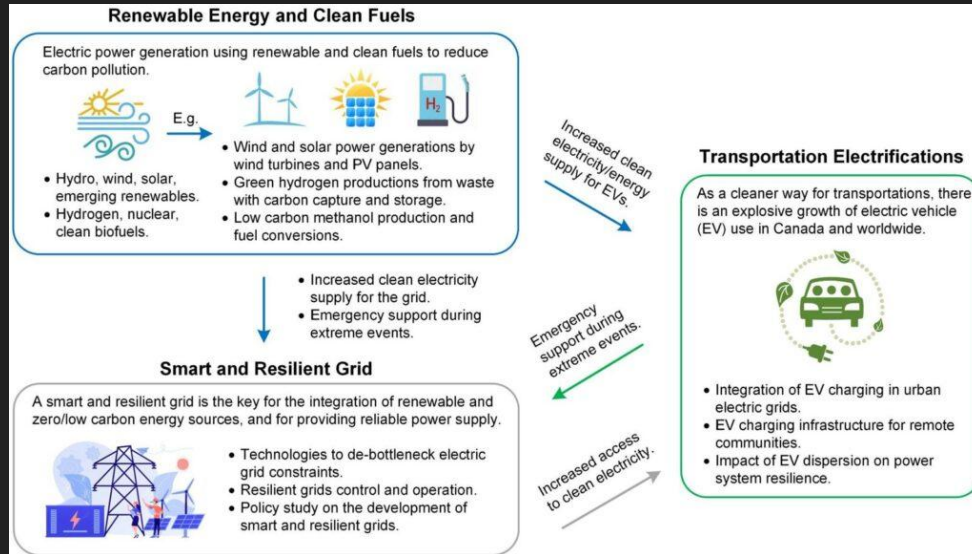
- Renewable & DER Integration and Large Loads
- Data, AI & Grid Modernization
- Grid Stability & Electricity Markets
- Climate Resilience of Power Systems
- Policy & Social Innovation in Electricity
- <https://www.apicweb.ca/>



Prizes: RCES (Resilient & Clean Energy Systems)

Theme:

- Theme 1: Reliable and resilient grid for energy integration
- Theme 2: Low emission energy utilization through electrification
- Theme 3: Alternative and clean biofuels and green hydrogen with carbon capture
- <https://sites.engineering.ualberta.ca/rcesi/about-us/>



Prizes: APIC & RCES Energy/Power Stream

1st: \$100 Amazon Gift Card + Funded chance to present at a research symposium (Calgary)

2nd: \$75 Amazon Gift Card

3rd: \$50 Amazon Gift Card



Prizes: Diversity in Engineering

Social Good Prize

Offered in collaboration with Diversity in Engineering and the Faculty of Engineering Office of the Dean.

Problem Statement

Build a project focused on one (or more) of the following areas:

Accessibility: Make a piece of software (e.g. web, desktop application, OS) more accessible (DivE has prepared some introductory information on digital accessibility and project suggestions).

Privacy: A project that helps users understand, protect, or regain control over their personal data and digital footprint (e.g. tools for data transparency, security).

Education: A project that educates users about some topic (e.g. an educational game, language learning apps).

If a project is irrelevant to any of the above themes, is presented disrespectfully or in bad faith, or has significant potential to cause harm that is not adequately considered/addressed by the team, the project may be disqualified from this prize category. If you are uncertain about anything, feel free to ask the DivE judges to check in.



Prizes: Diversity in Engineering

Social Good Prize

Offered in collaboration with Diversity in Engineering and the Faculty of Engineering Office of the Dean.

Criteria:

Utility (/10) (one of the following):

How much potential does it have to make a difference for people with accessibility needs?

How much potential does this project have to help users understand, protect, or control their personal data and privacy?

How much potential does this have as an educational tool?

Execution/Polish (/5): How practical/easy-to-use is it for day-to-day use? How well does it work? Are there significant bugs?

Accessibility (/5): Is its interface accessible to a variety of users?

Complexity (/5): How difficult was it to make? How much technical skill did it require?

Originality (/5): Is it a common solution or is it something that we don't see frequently? Was there creativity put into the idea/execution?



Prizes: Diversity in Engineering

Social Good Prize

1st: \$800

2nd: \$600

3rd: \$400



Housekeeping

1. Doors close at 10 PM - NO OVERNIGHT!
2. You must check-in and out as you enter/leave the event.
3. On February 20, 2026 - DICE 8-207 is being used for another event.
4. You must join the Discord!



Good luck!

You may begin.

Official Hacking Start Time: 10:46 AM February 20, 2026

Hacking Ends: 10:46 AM February 22, 2026

