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HACKHPC.ORG

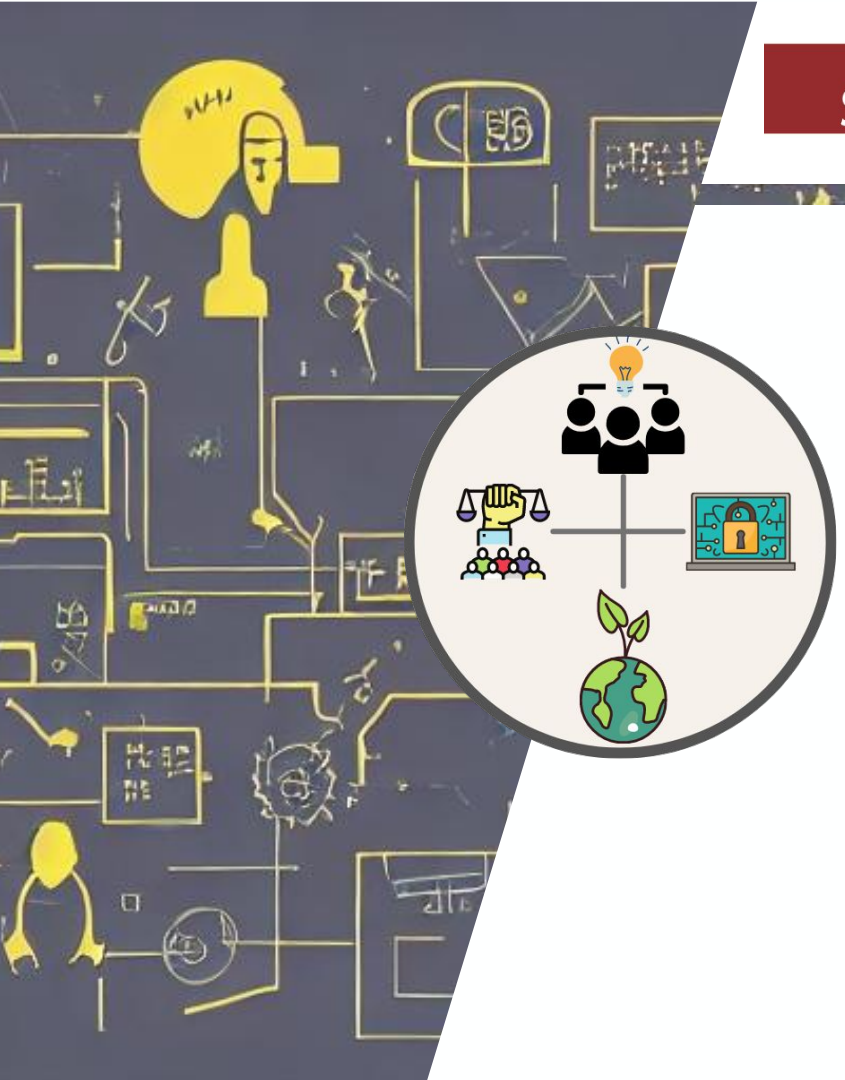
HACK THE THREAT 23:

Kick-Off!

March 2, 2023

Join our Discord Server
https://discord.gg/Y927CbuHSv

HTTPS://HACKHPC.GITHUB.IO/HACKTHETHREAT23



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AGENDA

1. Introductions and Code of Conduct
2. Hackathon Objectives
3. Deliverables and Resources
4. Judging Criteria
5. Mentor Pitches
6. Team Formation

Join our Discord Server
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ORGANIZERS

Fred Popowich
Simon Fraser University's Big Data Hub - *Burnaby, BC (Canada)*

Je'aime Powell
Texas Advanced Computing Center - *Austin, TX (USA)*

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Simon Fraser University's Big Data Hub - *Burnaby, BC (Canada)*

Melyssa Fratkin
Texas Advanced Computing Center - *Austin, TX (USA)*

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Texas Advanced Computing Center - *Austin, TX (USA)*

Sadaf Sadeghi
Simon Fraser University's Big Data Hub - *Burnaby, BC (Canada)*

Code of Conduct

Hackathon Objectives and Student Outcomes

The hackathon aims to harness the resources, skills, and knowledge found in the HPC community in an effort to provide applied exposure towards students from 2-4 year post-secondary educational institutions. In short, the hackathon will provide HPC skills and training while targeting problems that directly affect the participants.

Develop knowledge and create solutions to identified Environmental, Cybersecurity, and/or Social Threats through application of data analysis/presentation or management.

Student Outcomes

- Increased familiarity with data science in the cloud
- Experience collaborative software engineering
- Develop professional communication skills

Project Timeline

Event Simplified Schedule

- **Thursday, 3/2/23**
  - **Kick-Off**
    - *Mentor Pitches* & Team Formation
- **Friday, 3/3/23**
  - Morning Checkin - Team Introductions
  - Afternoon Checkin - Team Goals
- **Saturday, 3/4/23**
  - Morning Checkin - Team Status
  - Afternoon Checkin - One-Day Progress
- **Sunday, 3/5/23**
  - Morning Checkin - Team Status
- **Monday, 3/6/23**
  - Morning Checkin - *Mentor Trailers*
  - **Final Presentations**

~ 96 hrs Total Time
- ~7 hrs Planning / Checkins
- ~30 hrs Sleep/Rest
~59 hrs Work Time

Project Deliverables and Resources

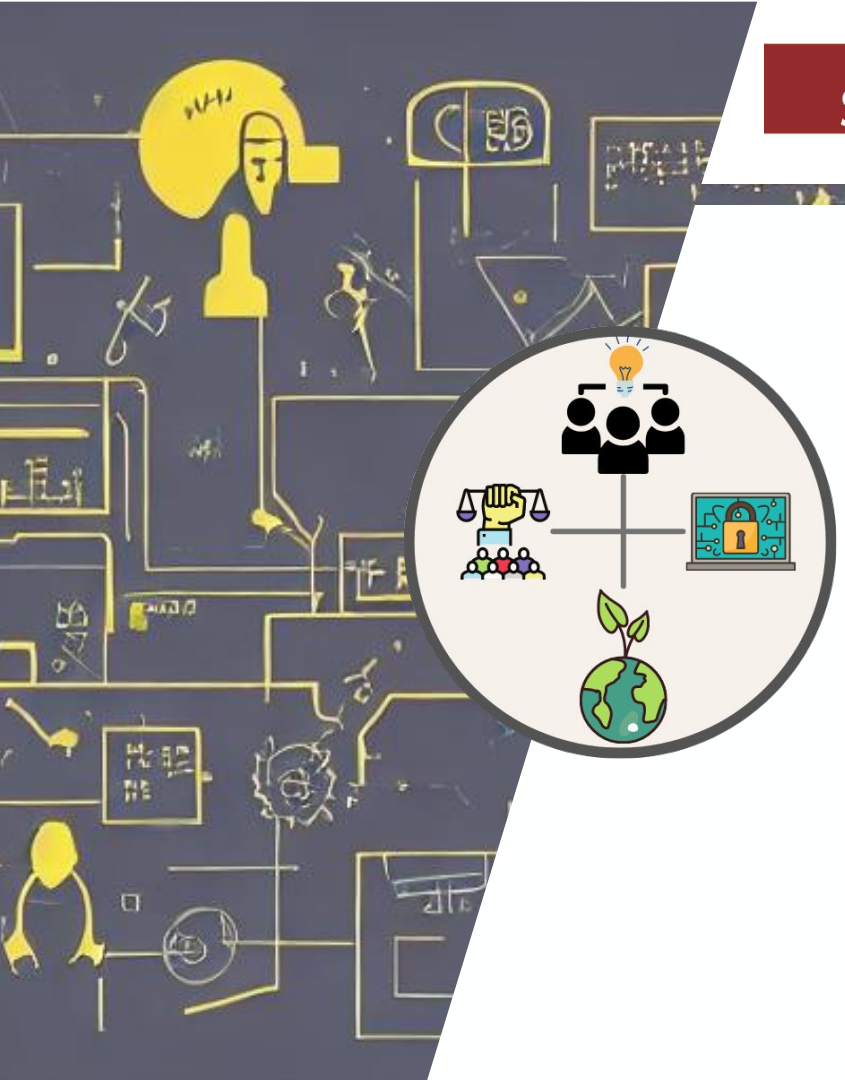
Deliverables:

- Github Repository
  - README.md with project description
  - Source code Including Comments
  - Presentation
    - Team members with pictures
    - Use of technology in the project
    - Project impact to the community

Resources:

- Amazon Web Services (Provided Credits)
- Commonly Used:
  - Python
  - Jupyter Notebooks
  - Node.Js (JavaScript)
  - Repl.it (Collaborative Environment)
  - HTML\CSS
- Discord - https://discord.gg/Y927CbuHSv

Awards and Judging Criteria



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Mentor Pitches

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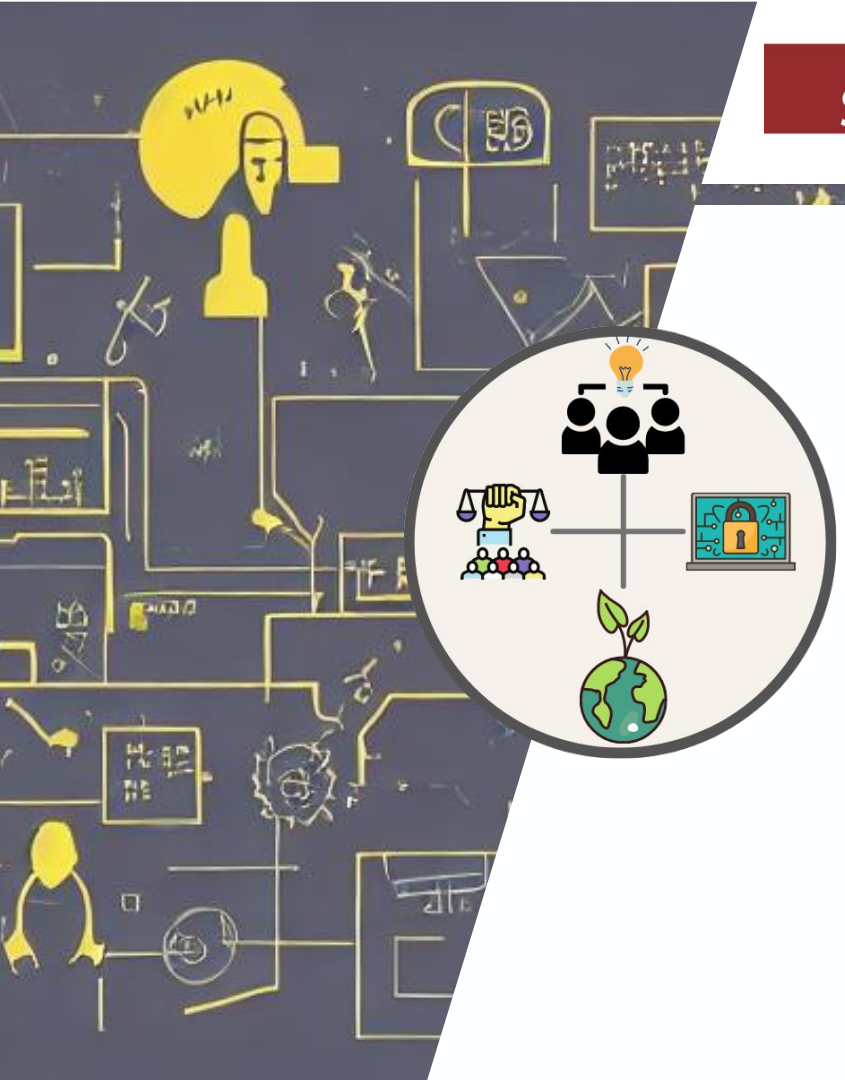

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HACK THE THREAT 23:

Team Formation

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QUESTIONS ??

Next Sessions:

- Morning Checkin [*3/3/23 @ 11aCT | 9aPT*]

- **Team Introductions**
  - 1 slide / 1 minute
  - Team Name
  - Mentor / Co-Mentor / Members
  - Theme Song (Instrumentals)
  - Team Virtual Background
  - Team Emoji

Schedule:

https://hackhpc.github.io/HacktheThreat23/schedule

Presenter Contact Information:

Je'aime Powell (*TACC*) - jpowell@tacc.utexas.edu