



# Final Presentations

<https://hackhpc.github.io/admi23>



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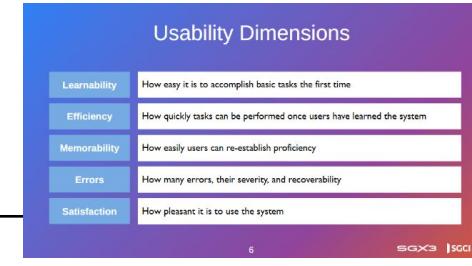
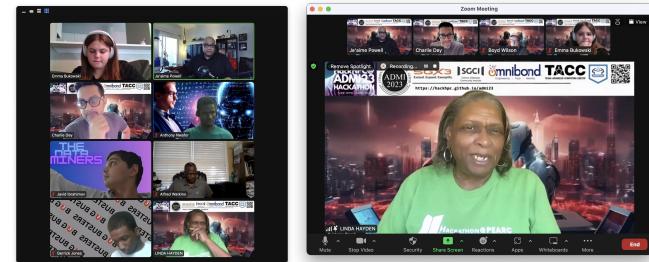
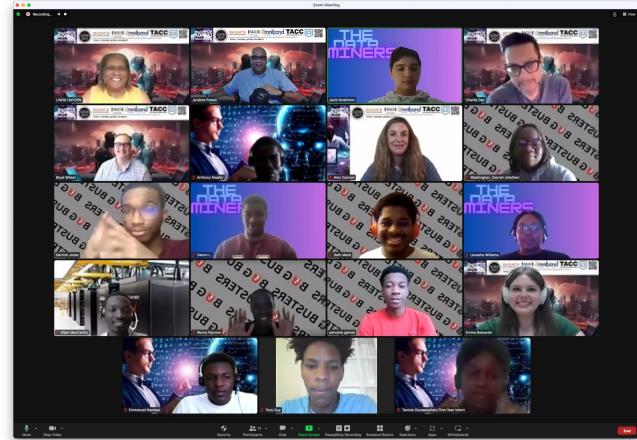
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# Agenda

- Welcome
- Organizers and Guests
- Hackathon Objectives and Student Outcomes
- Example Project Timeline
- Deliverables and Resources
- Team Presentations
- 10min Break (*Judging Tally*)
- Awards Ceremony



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# Organizers



**Linda Hayden** - *ECSU/SGCI*  
[haydenl@mindspring.com](mailto:haydenl@mindspring.com)



**Amy Cannon** - *Omnibond*  
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**Alex Nolte** - *University of Tartu*  
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**Boyd Wilson** - *Omnibond*  
[boyd@omnibond.com](mailto:boyd@omnibond.com)



**Je'aime Powell** - *TACC*  
[jpowell@tacc.utexas.edu](mailto:jpowell@tacc.utexas.edu)



**Charlie Dey** - *TACC*  
[charlie@tacc.utexas.edu](mailto:charlie@tacc.utexas.edu)



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# The Objective of HackHPC@ADMI23

This hackathon aims to harness the resources, skills, and knowledge found in the Science Gateways community in an effort to provide applied exposure towards students from 2-4 year post-secondary educational institutions. In short, the hackathon will provide skills and training while targeting problems that occur within the Science Gateways and Cyberinfrastructure community.

## Student Outcomes

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



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# Example Project Outline

## Event Simplified Schedule

- **Monday, 6/26/23**
  - Kick-Off
    - Mentor Pitches & Team Formation
    - Afternoon - Team Introductions
- **Tuesday, 6/27/23**
  - Morning Checkin - Team Goals
  - Afternoon Checkin - Team Resources
- **Wednesday, 6/28/23**
  - Morning Checkin - One-Day Progress
  - Afternoon Checkin - Status
- **Thursday, 6/29/23**
  - Final Presentations

~ 76 hrs Total Time  
- ~7 hrs Planning / Checkins  
- ~30 hrs Sleep/Rest  
~59 hrs Work Time



HACKATHON START



FINAL PRESENTATIONS



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JUNE 26TH - 29TH 2023



# Portal Pitches

The screenshot shows the HackHPC@ADMI23 Hackathon website. At the top, there's a banner with the text "JOIN US FOR THE NEXT HACKATHON" and "Check back soon for more details!". Below it, there are sections for "INFORMATION" and "REGISTER". The "INFORMATION" section contains text about the hackathon's purpose and how to get involved, along with small images of people working at computers. The "REGISTER" section has a button labeled "REGISTER NOW".

This is a screenshot of a portal pitch for the HackHPC/Open Horizons Alliance OHA. It features a header with the text "ADMI23 HACKATHON" and "HackHPC/Open Horizons Alliance OHA". Below the header, there's a "Pitch idea" section with a list: "Help recreate and fix any issues to: HackHpc/OHA website, Using front end development". There's also a "Purpose" section with a bullet point: "To support driven learners to step foot in our Gateway and gain similar opportunities!". On the right, there's a "Programs to be Used:" section with checkboxes for "HTML", "Python", and "Java Script". Three individuals are profiled with their names and emails: Jaime Powell (Email: jpowell@tacc.utexas.edu), Josselyn Salgado (Email: josselyn5@gmail.com), and Hector Santiago (Email: hector.ms.santiago01@gmail.com).

The screenshot shows the ADMI (Association of Computer Science Departments at Minority Institutions) website. The header includes the ADMI logo and the text "The Association on Computing at Minority Institutions". Below the header, there's a "Who We Are?" section with a list of member institutions. The main content area has a large heading "ADMI 2023 Symposium on Computing at Minority Institutions, June 16-19, 2023" and a "Call for Papers" section. At the bottom, there's a "How to Join ADMI" section.

This is a screenshot of the "ADMI Website Reimagined" page. It features a dark background with a colorful network graph on the left. On the right, there's a title "ADMI Website Reimagined" and a bio for Dr. Alfred R. Watkins: "VP of Information, Association of Computer Science Departments at Minority Institutions (ADMI)".



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**HackHPC.org**

**ADMIUSA.org**

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# Team Presentations



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# Bug Busters

## Busters (Members)

Cierrah Washington

Gerrick Jones

Justin Davis

Ronny Kiprono

Seth Mack

Yamonta Gaines

## Mentors

Boyd Wilson

Emma Bukowski

Josselyn Salgado



[Theme song: GhostBusters theme song \(instrumental\)](#)

# THE DATA MINERS

LEAD  
MINERS:

JULLIE SALGADO

6

CHARLIE DEY



KOLTN

KEY  
MINERS:



DEVON



LENASHA



KOLTN



DAVID



SHOUKAT



# CodeWarriors

## - Team Mentor(s)

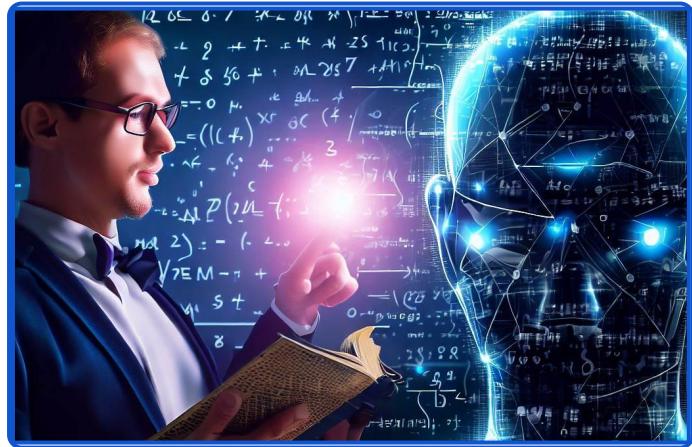
- Jasmine Trapier
- Alfred Watkins

## - Team Members

- Teniola Oluwaseyitan
- Emmanuel Nwokpo
- Anthony Nwafor

## - Team Theme Song Name

Unstoppable by Sia(<https://youtu.be/h3h035Eyz5A> )



## Team Background



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# Deliverables and Resources

## Deliverables:

- Source code Including Comments
- PDF of presentation and poster
  - Team members with pictures
  - Use of technology in the project
  - Project impact to the Science Gateways community
- Github Repository Link
  - README.md with project description

## Resources:

- GitHub
- Omnibond Eureka
- Most Commonly Used
  - HTML/CSS/JavaScript
  - Python (Dash/Flask)
  - Jupyter Notebooks
  - GitHub Pages (Jekyll)
  - Repl.it (Collaborative Environment)
- Slack  
SGCI/SGX3 Coding Institute 2023



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# Awards ceremony



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# Judges Award 2nd Place



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# Judges Award 2nd Place

Team:  
**The Data Miners**



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# Judges Award 1st Place



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# Judges Award 1st Place

Team:  
**Bug Busters**



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# SGX3

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# UX / UI Award



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# SGX3

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# UX / UI Award

Team:  
**CodeWarriors**



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# Thank You!!

