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TACC
TEXAS ADVANCED COMPUTING CENTER

XSEDE

HPC in the City: St. Louis



HACKATHON

Final Team Presentations



Vote for your
favorite HPC in the
City Team using
this QR Code!

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HPC in the City: St. Louis



HACKATHON

Final Team
Presentations

Agenda

- Introductions
- Welcome Sponsors
- Welcome Judges
- Event Stats
- Mentors Team Trailers
- Team Presentations
- Awards



<http://hackhpc.org/hpcinthecity>



Presenter: Je'aime Powell

Organizers



Linda Hayden - *ECSU*
haydenl@mindspring.com



Boyd Wilson - *Omnibond*
boyd@omnibond.com



Amy Cannon - *Omnibond*
amycannon@omnibond.com



Je'aime Powell - *TACC*
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Alex Nolte - *University of Tartu*
alexander.nolte@ut.ee



Josh Kissel - *Omnibond*
josh@trafficvision.com

Thank You Sponsors



Google Cloud



<http://hackhpc.org/hpcinthecity>



Thank You Judges

- Damian Hopkins - *TACC*
- Maria Ruiz Varela - *SC21 Inclusivity Committee*
- Jacqueline Jackson - *Jackson State University*
- Elijah MacCarthy - *Lane College*

The Objective of HPC in the City: St. Louis

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 about solutions to identified issues affecting St. Louis 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

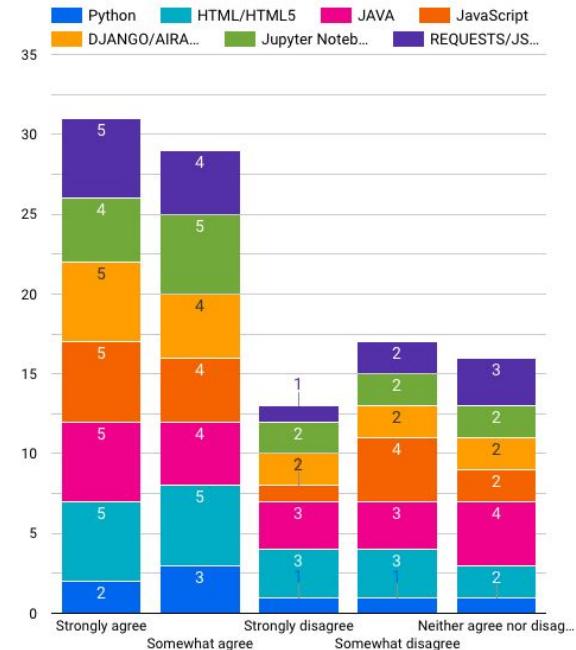
Student Deliverables and Statistics

Deliverables:

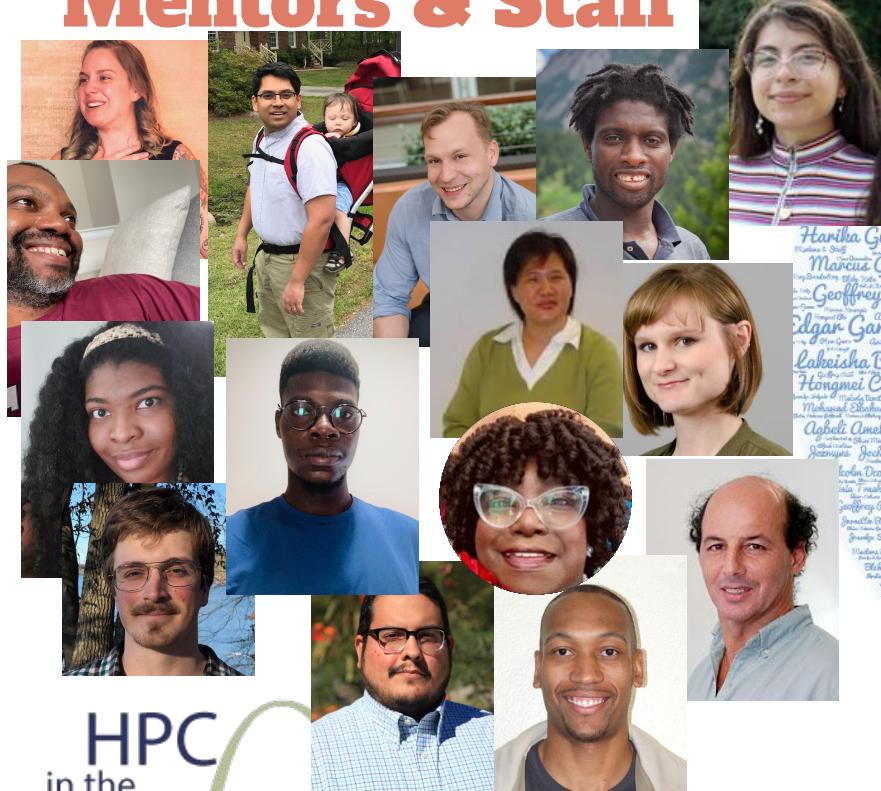
- **Source code Including Comments**
- **PDF of presentation**
 - Team members with pictures
 - Use of HPC technology in the project
 - Regional (St. Louis) implications of the project
- **Github Repository Link**
 - README.md with project description

Statistics:

- **+98 Hours**
- **7 Teams**
- **29 Students**
- **16 Mentors/ Co-mentors**
- **4 Staff/ Helpers**



Mentors & Staff



HPC
in the
City: St. Louis | HACKATHON

<http://hackhpc.org/hpcinthecity>



 SC21
St. Louis, science
MO & beyond.

Team Trailers

Team Presentations

10-Minute Break (Judges Tabulation)

There is still time to vote for your favorite team!



HACKATHON

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