SpelHouse Tiguars

Hack HPC@ADMI22

Our Team

Zyahn Archibald

Kevin Drew

Abiodun Scott

Kyle Brown

Josselyn Salgado

Dr. Alfred Watkins

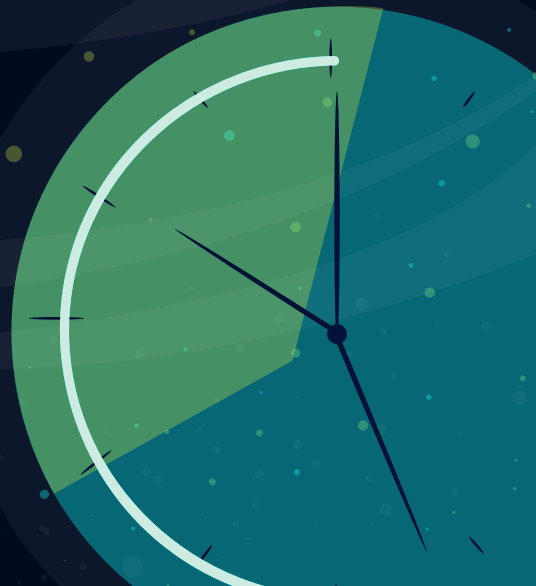
Team Goals

End Goal:

Provide the user with a platform that preserves images of San Francisco, CA using Instagram hashtags to collect the images.

Tasks:

- Create a map of San Francisco for the user to interact with
- Create an Instagram bot to collect images using hashtags using Jupyter Notebooks and CloudyCluster
- Create a website to store the map and Instagram images



Technologies Applied

- React (JavaScript)
- Python
- Pandas
- CloudyCluster
- Google Cloud
- Jupyter Notebooks
- HTML/CSS
- Figma (Mock up)
- Python Flask

Goals Reached and Next Steps

Accomplishments:

- Instagram bot is capable of downloading posts based on hashtags
- Map markers on website link to the correct post images
- Created a map of San Francisco using GeoJSON data and Leaflet

Future Steps:

- Automate the Instagram post download process
- Give the user an option to view older versions of the map to view previous top posts
- Implement server

Link

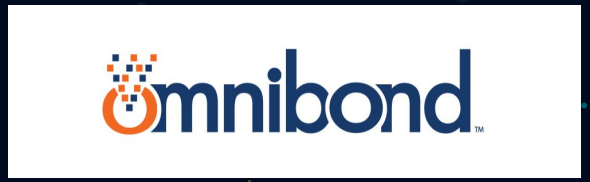
GitHub Repository

Thank You!

Thank you to our mentors Josselyn and Dr. Watkins.

Thank you to all the organizations supporting this event.

Thank you HackHPC@ADMI for this opportunity.



Questions?