Dino Dig Adventure!

Lost Relics

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What is Dino Dig Adventure?

- Dino Dig Adventure is an homage to this year's hackathon. Inspired by a land long before time.
- It is a pixel-action/puzzle game that is developed strictly using Pygame and the primary objective is to unravel fossils while evading aggressive dinosaurs.
- Dino Dig Adventure utilizes all handmade/unique assets while maintaining a high level of execution.

How does it work?

- Dino Dig Adventure uses sprites and object collision to manipulate data to either lose points or gain points.

What is our main influence?

- As previewed, Dino Dig Adventure is a mash of an iconic game such as Vampire Survivors, which features a timed survival and multiple waves of monsters.

How we built it.

- Dino Dig Adventure was built using pygame, which is a library in python.
- Utilized many Pygame and python functions, and created out own characters and object sprite assets

```
    # Initialize pygame
pygame.init()
```

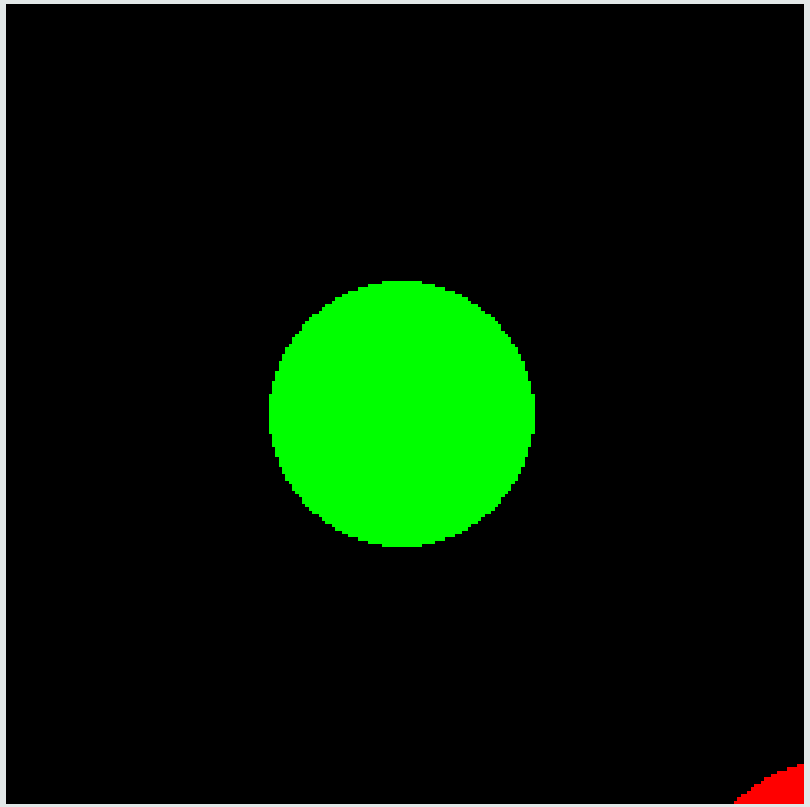
Accomplishments that WE are proud of.

- We are proud we were able to develop a functioning game that we both enjoy in under 24 hours with very little experience.

Challenges We Came Across

- Certain Pygame functions/mechanics were difficult to use, understand, and implement into our game.
- For example:
  - Getting sprites to move and behave correctly
  - Implementing scoring/progressive gameplay
  - Designing our own character sprites

What we learned.



- During our 24-hour coding session, we were able to develop a solid understanding about collisions between two objects or more.
- In-depth implementation of the pygame library in python.
- Sprite manipulation.
- Video game mechanics.
- Mouse cursor/pointer manipulation.

What's next for Dino Dig Adventure

- Moving forward from this experience, we are fully confident in our programming and game development skills.
- We plan to pivot this event and game into future Hackathon and computer science events as well.
- Apart from this game, we plan to use the various skills learning from this experience and apply them to our future learnings as well.