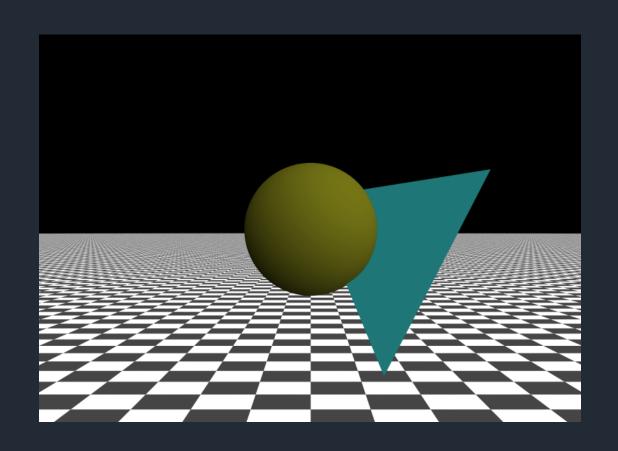
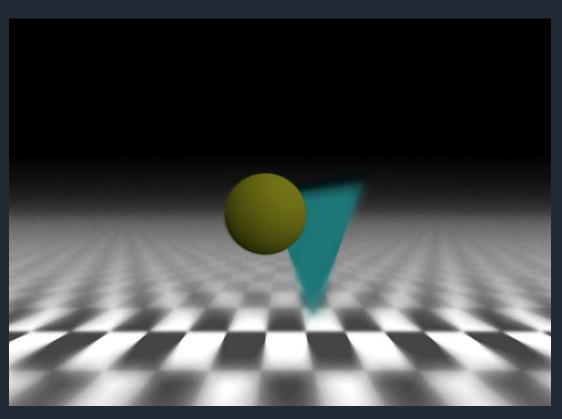
Ben Matthews

Ray Tracing

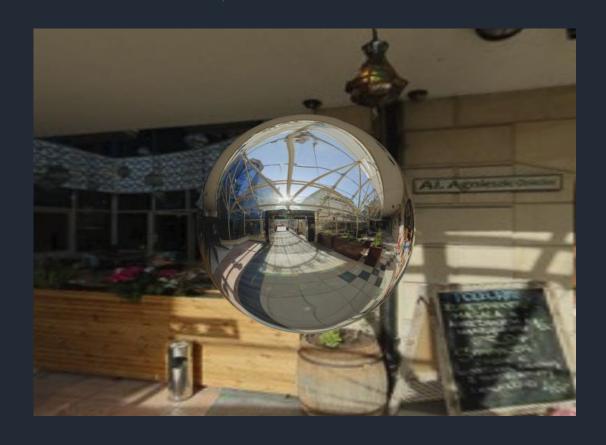
Progression: Lens



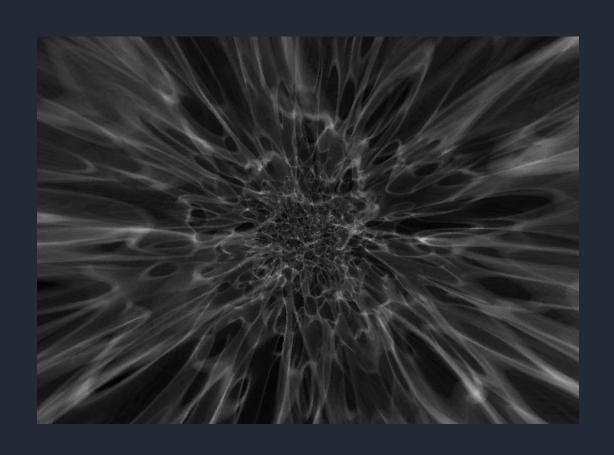


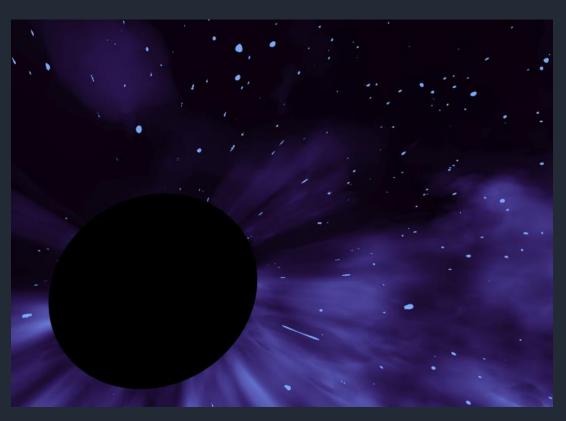
Progression: Reflections



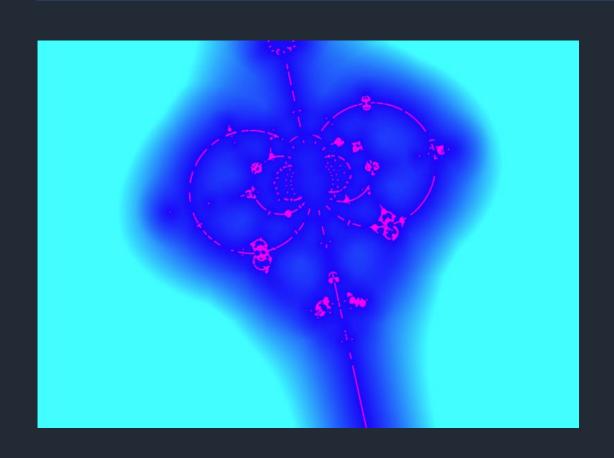


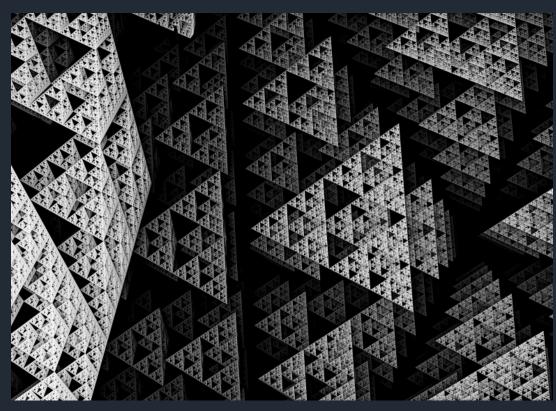
Progression: Effects





Progression: Fractals





Features:

• Camera controls WASD SHIFT SPACE for movement

• Mouse arc ball camera

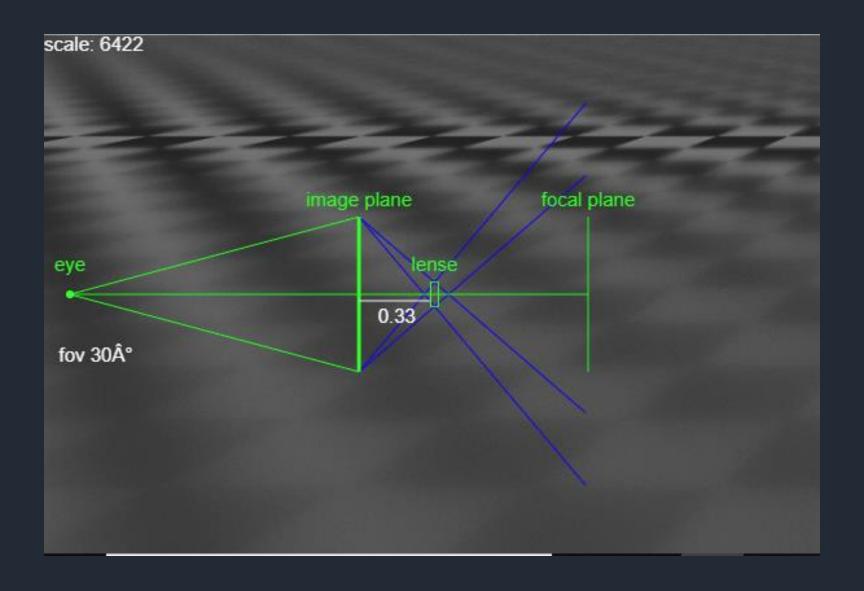
• Real time updating (Shaders)

Bugs:

• Camera mouse controls

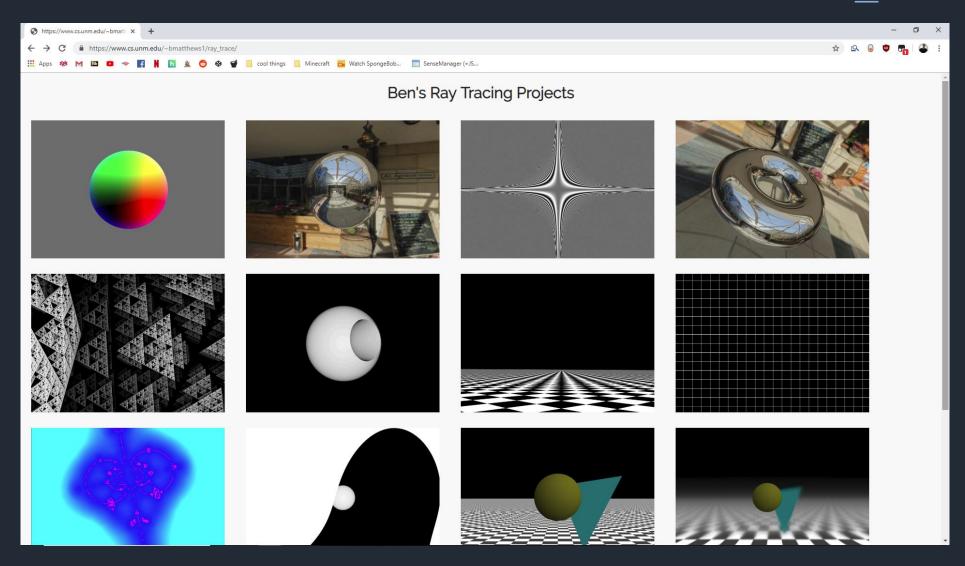
• Shaders crashing slow machines

Favorite Feature:



Website:

https://www.cs.unm.edu/~bmatthews1/ray trace/



Moving Forward:



Kirby Air Ride



Manifold Garden