



Big picture:

-  Lissie - Mother (Danzig Cover) Lyric Video
- <https://www.instagram.com/p/CbyEW1DphcG/> (Scientific American post 3/31)
- <https://www.instagram.com/p/CbvfGVSK0RI/> (Lex Fridman electric star post.) Legendary
- electric music in the background
-  How Magnetism Shapes The Universe
- James White (very cool very swag i like it)

Updates 5/7/2022, debugged the code, removed the risk of future spacetrash.

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How to protect our stars:

1. Study pulsars and supernovae. Allocate supernovae to energy and work on maintaining a solid temperature for a maintenance of hydrostatic equilibrium.
  - a. This can be done by applying  
<https://www.coursera.org/learn/deep-neural-network/lecture/y0m1f/gradient-descent-with-momentum>
    - i. Also, there can be a moving average applied to hydrostatic equilibrium, to ensure that there is not too much variation for something such as core stability.

Why to protect our stars:

1. Less asteroids, which will not be efficient.
  - a. Can we find a way to allocate these asteroids to their respective KNN, especially if they are dangerous?
    - i. This seems pretty efficient, and maybe the stars/planets will appreciate this. I heard they get ultra violet if not.
      1. Can be applicable to GERM modeling, etc.

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Applications:

hydrostatic equilibrium is a concept that could probably be used to think about inflation in the long run... as well as applying the second law of thermodynamics to economic throughput to find a hydrostatic equilibrium...

- Germ, bitcoin, etc.
  - Bitcoin is looking like it could be the "core crypto", but there does seem to be cons that need to be addressed.
    - Scalability problems. The proportions are very biased at the moment, and if bitcoin is to be the core crypto it needs weighted parameters.
      - Also, I think transaction fees are higher than doge?
        - Probably some other cons

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Potential sample code idea:

#PACKAGES

import EV

import nasa #and other companies

import quantum astrophysics peeps

import stars

import asteroids

Import MIT

import spacex

from nasa import carbonloadedship # loaded from most at risk

from nasa import sustainablycalculatedvehicle

from nasa import space stations optimally distanced

from MIT import engineers #to help nasa

from spacex import starlink

fom starlink remove elon's monopoly

from nasa import more communication

#DATA

carbonstuff = collecting the calculated optimal material to bring to KNN #KNN is the nearest and optimal planet

loaded = accounts for hydrostatic equilibrium and optimizes trip

dangerous = a possibility to collide with carbonloadedship

omit = find a way to navigate around asteroid

Clear = no danger

Chill = reduce fuel #this is similar to a car stopping at a stop light, or stop sign

Landed = on planet

cryptochambers = back up in the event of error. # Perhaps a stop loss of like 40%?

returned = mission complete, with oxygen and desired metals (can perhaps be airdropped via

Basque in the glory = enjoy our accomplishment!

willing = 1 #nasa opts to work with blue origin

help WILL come = we are in this together!

Space stations = nasa space stations

Orbital reef = sped up version of space station, once collab with space station

#CODE

while nasa == carbonstuff: #where carbon stuff is maximizing carbon sequestration process

    print('Tackle other issues, find ways to RRR.')

    open portal to connect engineers to innovate

after nasa == loaded:

    print('Let's get it!') #launch

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        connect to space stations #refuel and distribute carbon to various atmospheres
        if willing then merge space stations with Orbital Reef
launch carbonloadedship:
    if asteroids == dangerous then 'omit' asteroids
    if clear then chill
once landed:
    then celebrate #maybe some space soda?
if fuel == low:
    then go in cryptochambers and help WILL come

# ok, now time to return

launch carbonloadedship:
    if asteroids == dangerous then 'omit' asteroids
    if clear then chill
once return
    then basque in the glory and iterate (the definition of empirical;).
```

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Apply this sample code. Replace carbon with money. Replace return with crypto.  
I think that there could be an association between inflation of the USD and climate change.

Self made/reliant claims are toxic. There are physical laws of the universe that need to be fine tuned. There are algorithms out there that prove this.

Otherwise, Ultra violet behavior is an unintended consequence. Hydrostatic equilibrium w/ minimal oscillations.

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Future progress with Blue Origin, Orbital Reef, and Amazon coming in future sessions.  
Looking to dive deeper into Robotics, logistical networks, and trying to find a balance of vertical + horizontal development. (finding a hydrostatic equilibrium) - will probably require backpropagation to correct imbalances first.