

# Scheme Art Gallery

**scheme\_gallery.zip (scheme\_gallery.zip)**

*The output is art,  
But what about its source code?  
It's just as abstract.*

Please vote for your favorite entry in this semester's CS 61A Scheme Art Contest. The winner should exemplify the principles of elegance, beauty, and abstraction that are prized in the Berkeley computer science curriculum. As an academic community, we should strive to recognize and reward merit and achievement (in other words, please don't just vote for your friends).

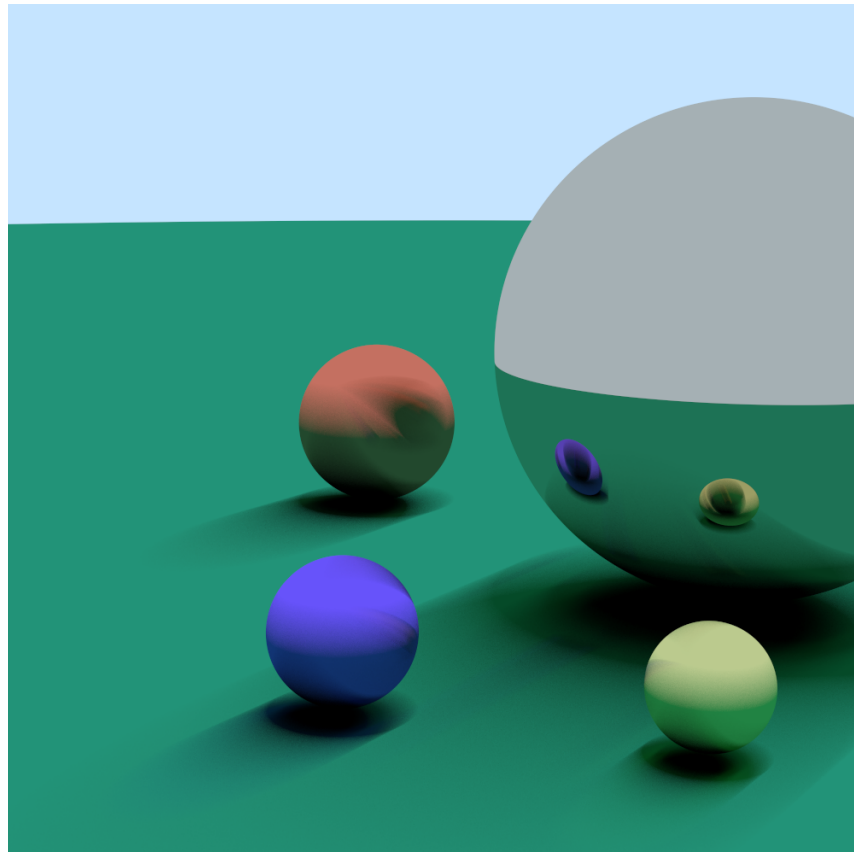
Cast your vote by submitting this form

([https://docs.google.com/forms/d/e/1FAIpQLScZfax6ojrdFKN9lX\\_H3F0OLLREa3WpoATAd8cEMAJtulxTzg/viewform](https://docs.google.com/forms/d/e/1FAIpQLScZfax6ojrdFKN9lX_H3F0OLLREa3WpoATAd8cEMAJtulxTzg/viewform)).

Voting is due **11:59 PM on Friday, 12/11**.

## Featherweight Division

### 500 million rays

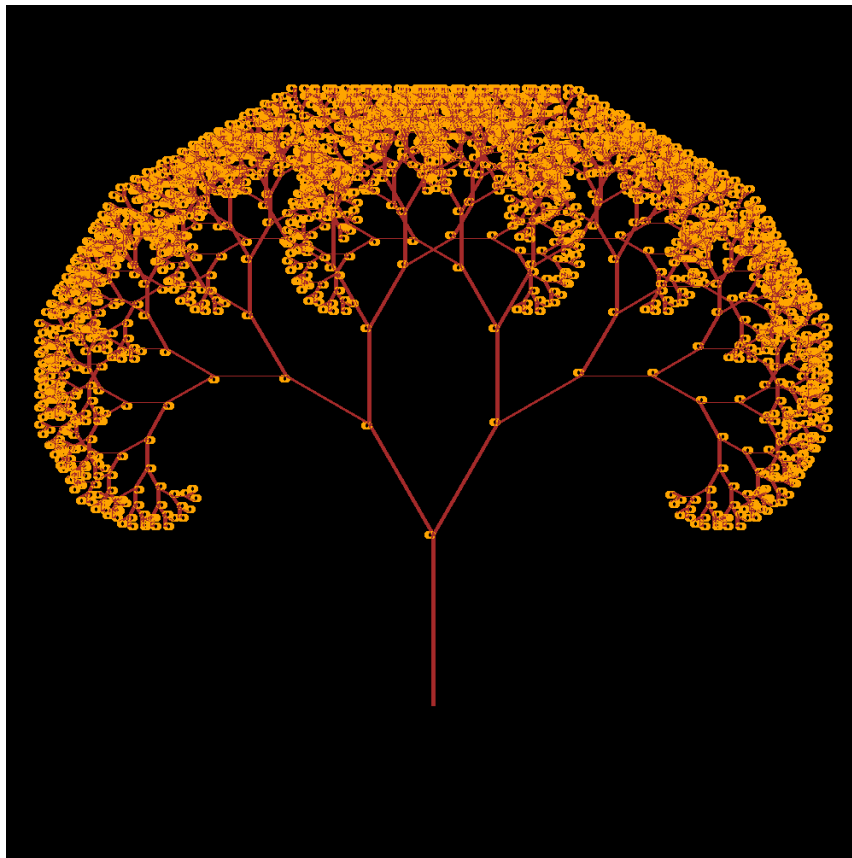


*(length (filter (lambda (word) (= word "egg")) text))*

Tokens: 509

[View Code \(entries/090d45d4/contest.scm\)](#)

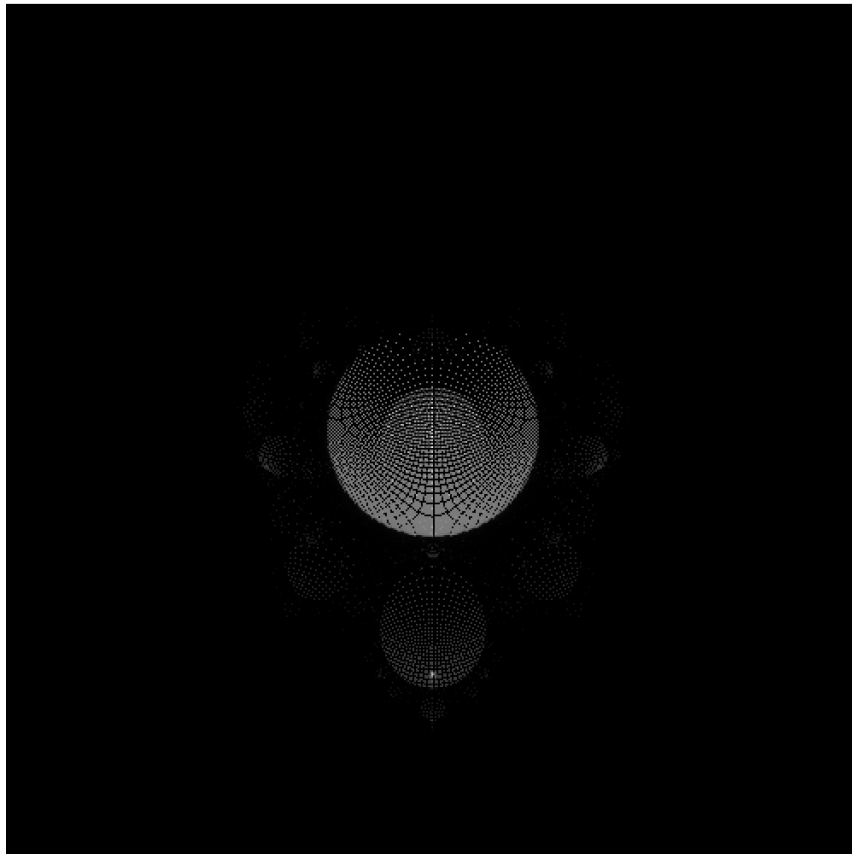
## Fractal Tree



Tokens: 138

[View Code \(entries/337e6b92/contest.scm\)](#)

# Buttabrot Probability Distribution

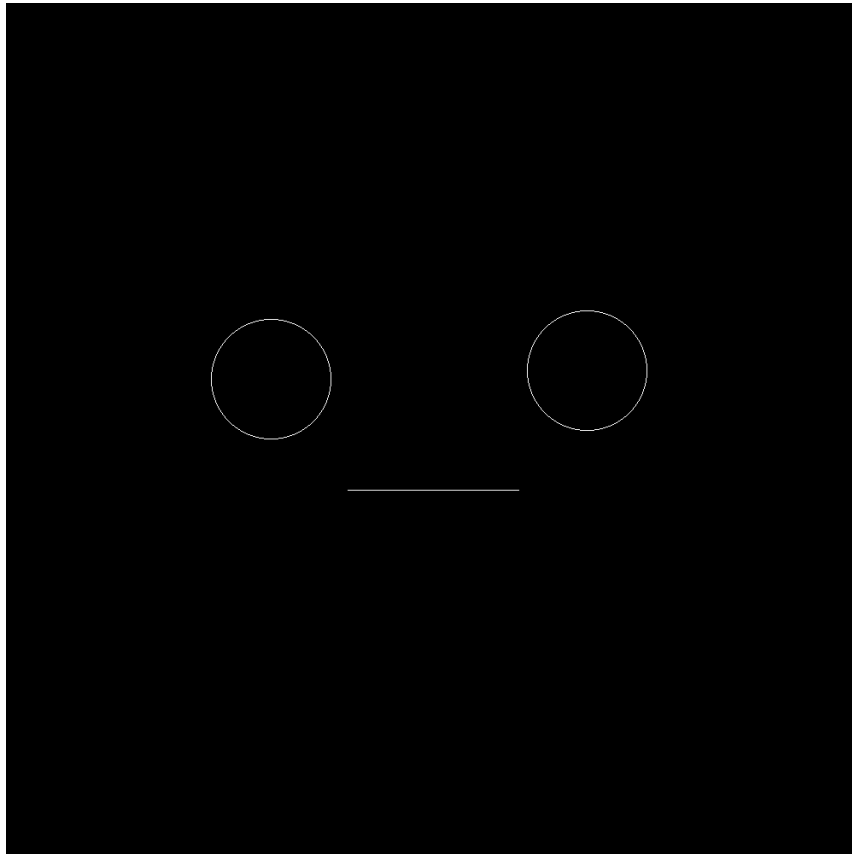


*The points that escape  
From the Mandelbrot fractal  
give us Buddabrot*

Tokens: 474

[View Code \(entries/38346344/contest.scm\)](#)

# Blank Minded Stare

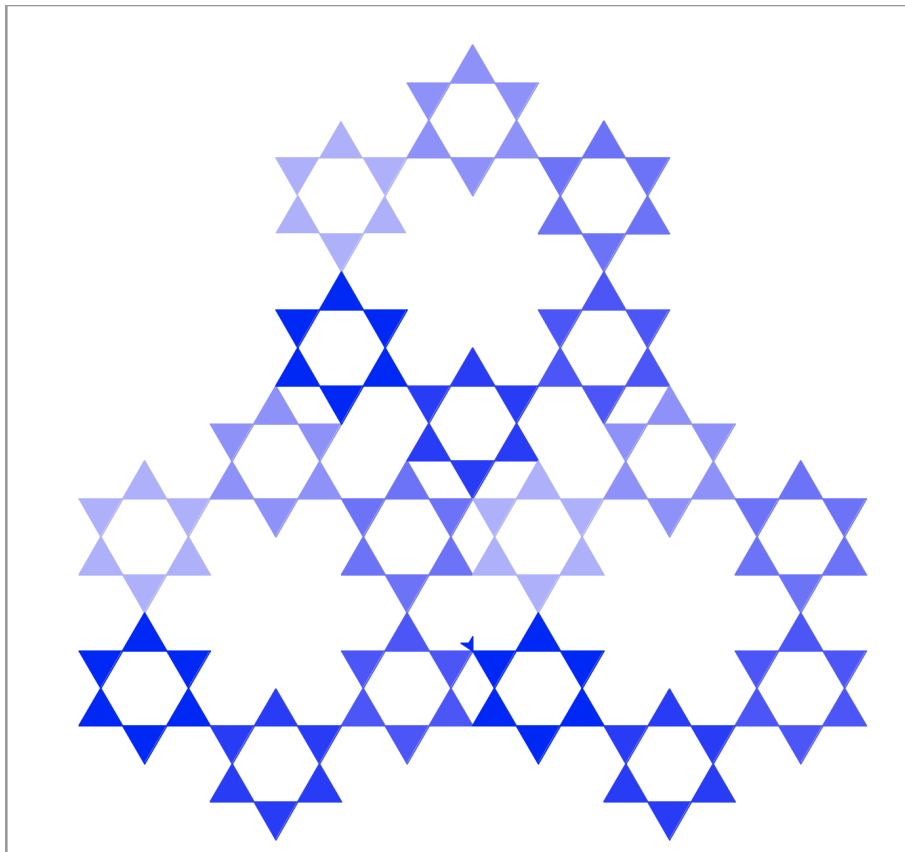


*I don't know*  
*I don't know*  
*I don't know*

Tokens: 117

[View Code \(entries/3949b07b/contest.scm\)](#)

# Trexagon

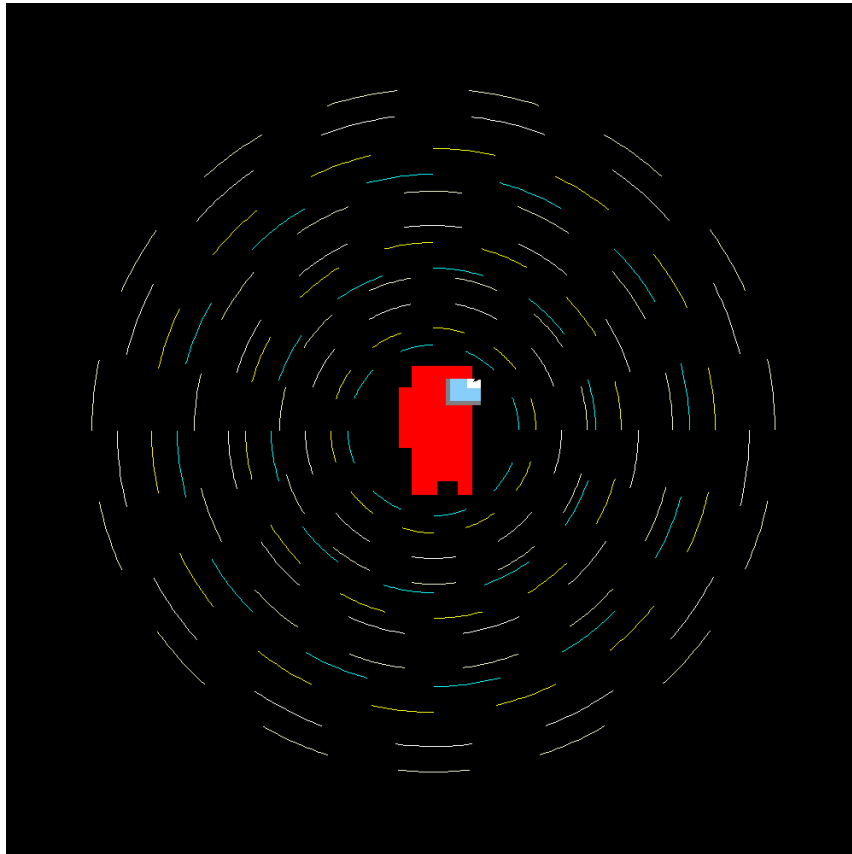


*The fusion of triangles and hexagons.*

Tokens: 505

[View Code \(entries/3c8b3180/contest.scm\)](#)

# Impostor Among a Swirl of Stars

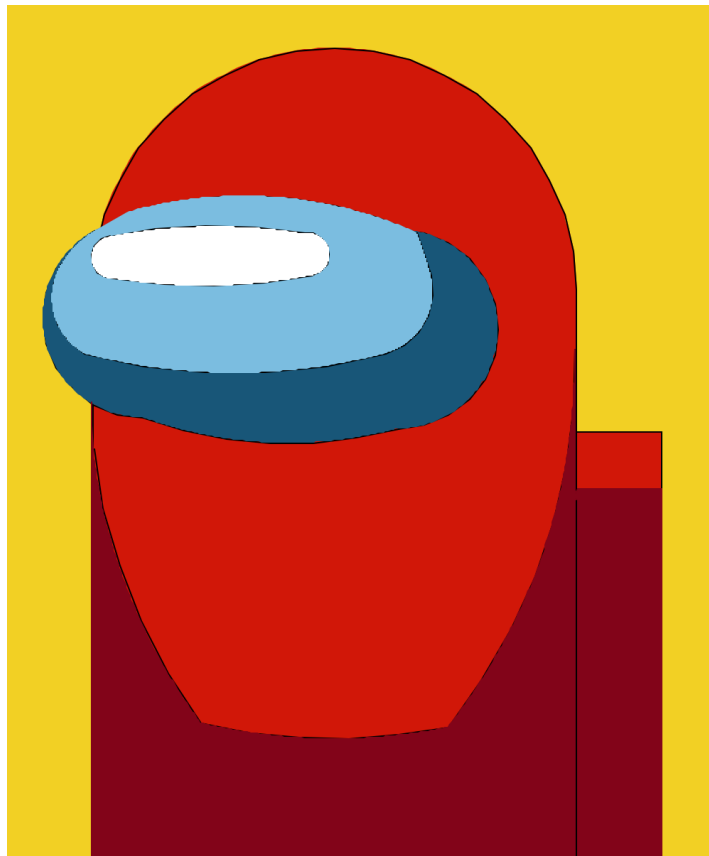


*Here drifts impostor  
among solitary stars;  
all alone, once more.*

Tokens: 496

[View Code \(entries/54196e29/contest.scm\)](#)

# I was scanning in medbay



*my heart thumps as I  
spew evidence, but no use...  
self report- they say*

Tokens: 505

[View Code \(entries/5f49e954/contest.scm\)](#)

# this is the only time I want to be voted



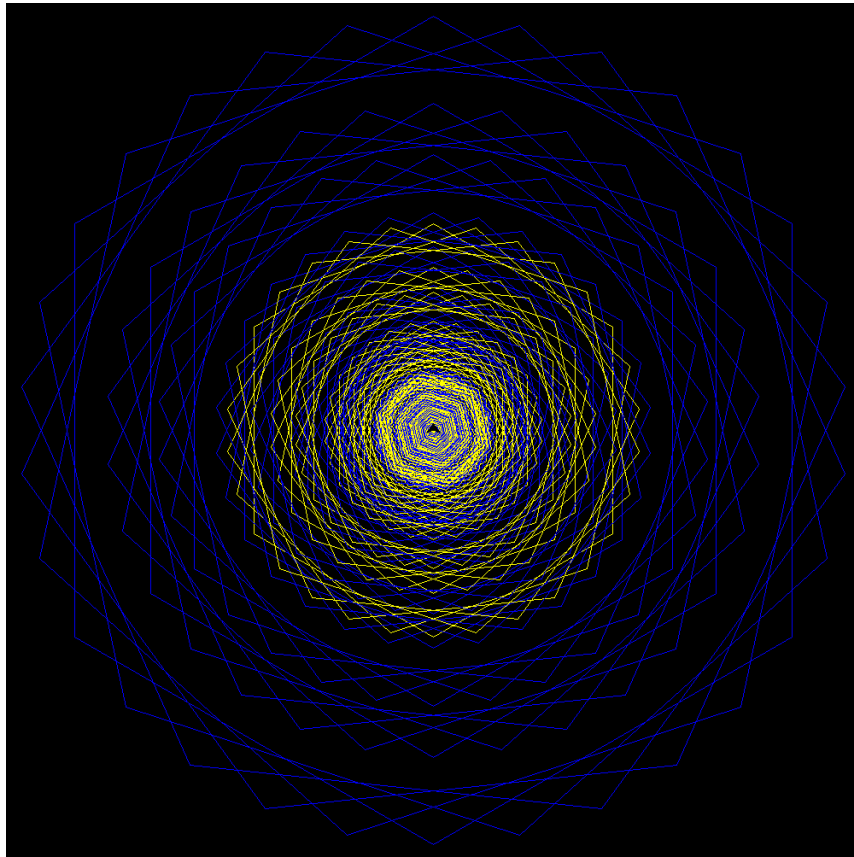
*Why are we in space?  
I want to be at the ship!  
I miss my mommy 🥺*

Tokens: 433

[View Code \(entries/73595e63/contest.scm\)](#)



# Hailstone Flower of 27 (Up to 80)



*Up and down it goes  
Each layer the magnitude  
How high will it go? (FYI 9232)*

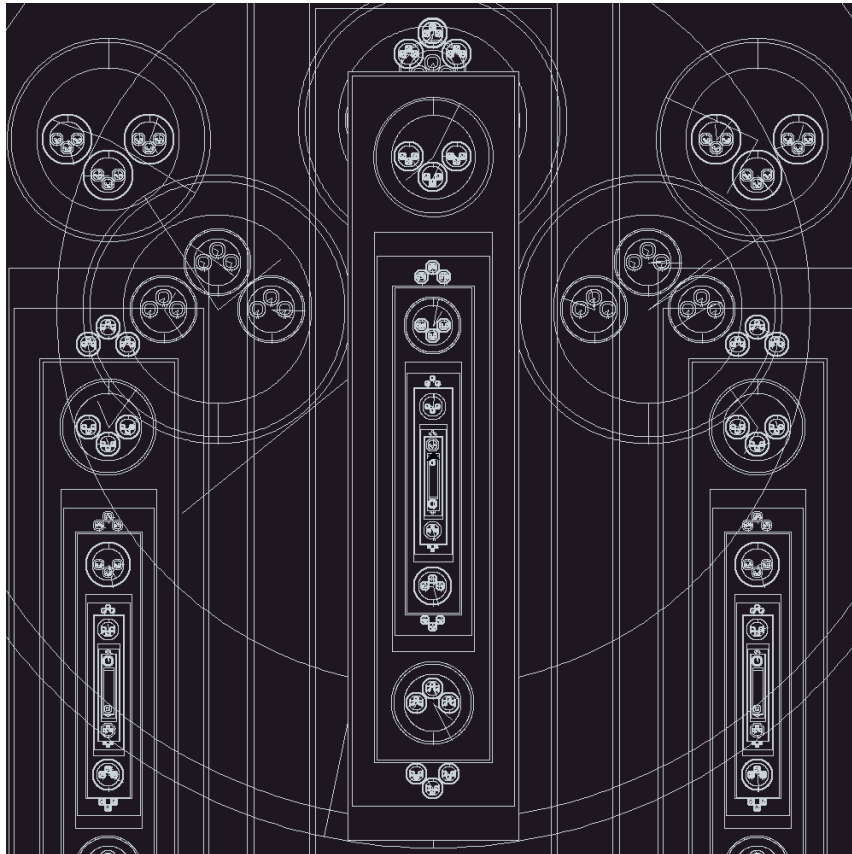
*Side note:*

*The distance from the center represents the magnitude of the hailstone value (of 27) at x (0-80). Denser layers represent the more traversed values, while spaces represent values that don't appear in the hailstone sequence.*

Tokens: 321

[View Code \(entries/7b73a72e/contest.scm\)](#)

# Time Enough

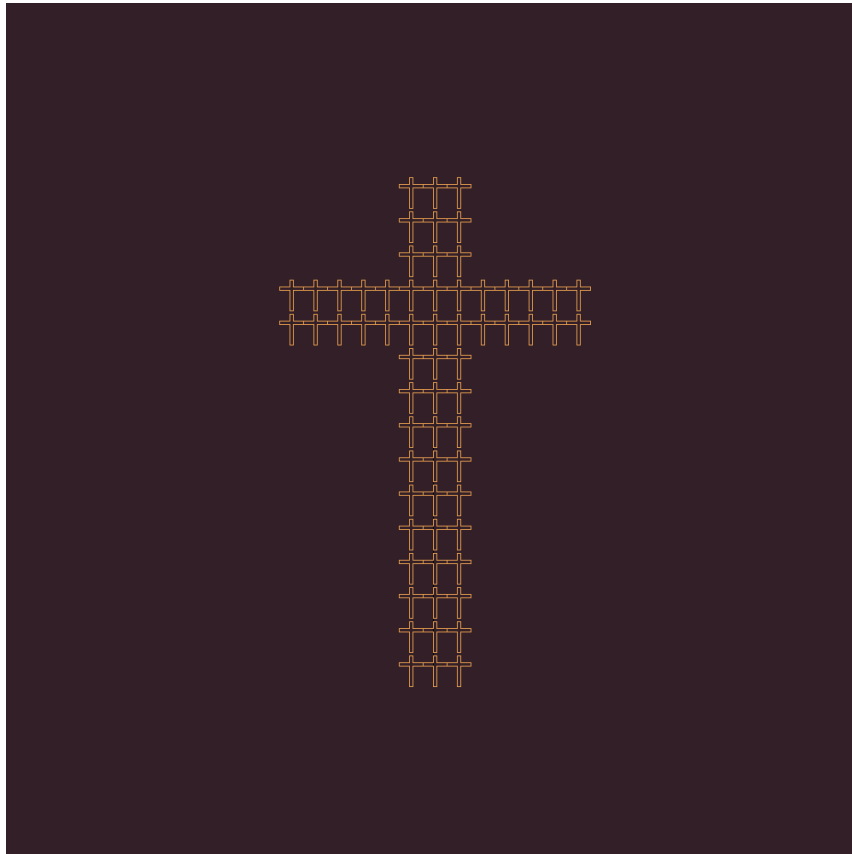


*Dare I sigh relief?  
How gentle the implosion  
Till the bubble pops*

Tokens: 509

[View Code \(entries/86a8f93b/contest.scm\)](#)

# The Old King of Christmas

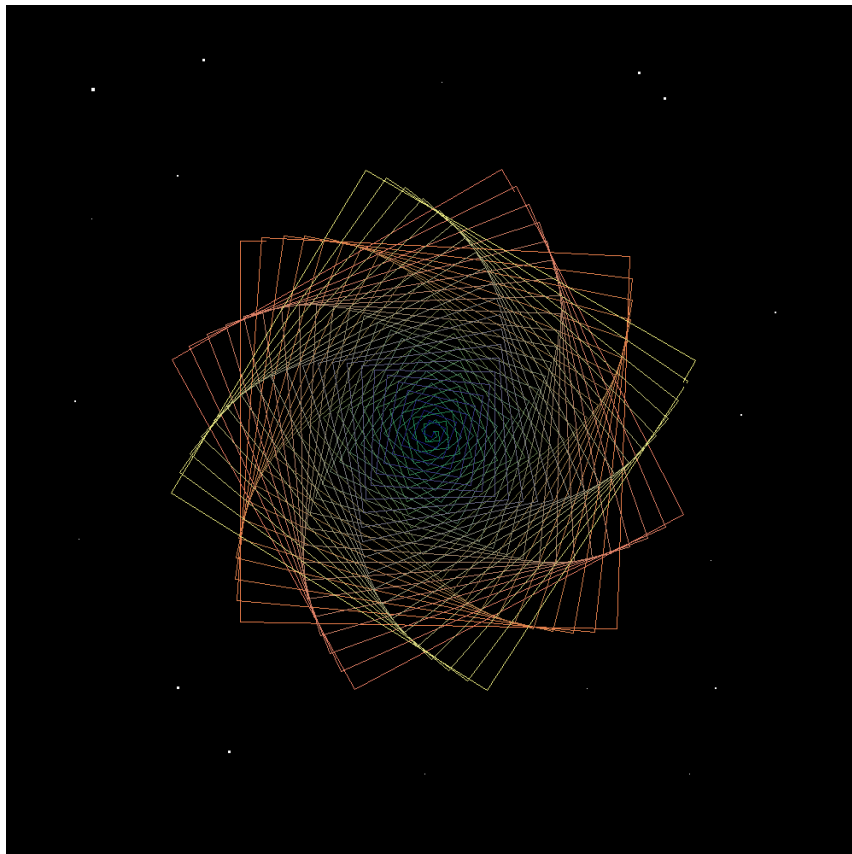


*We tell our kids about Santa  
But forget it is The Messiah  
The Lion roaring in Judah.*

Tokens: 364

[View Code \(entries/8a5fb2c3/contest.scm\)](#)

# Nebula

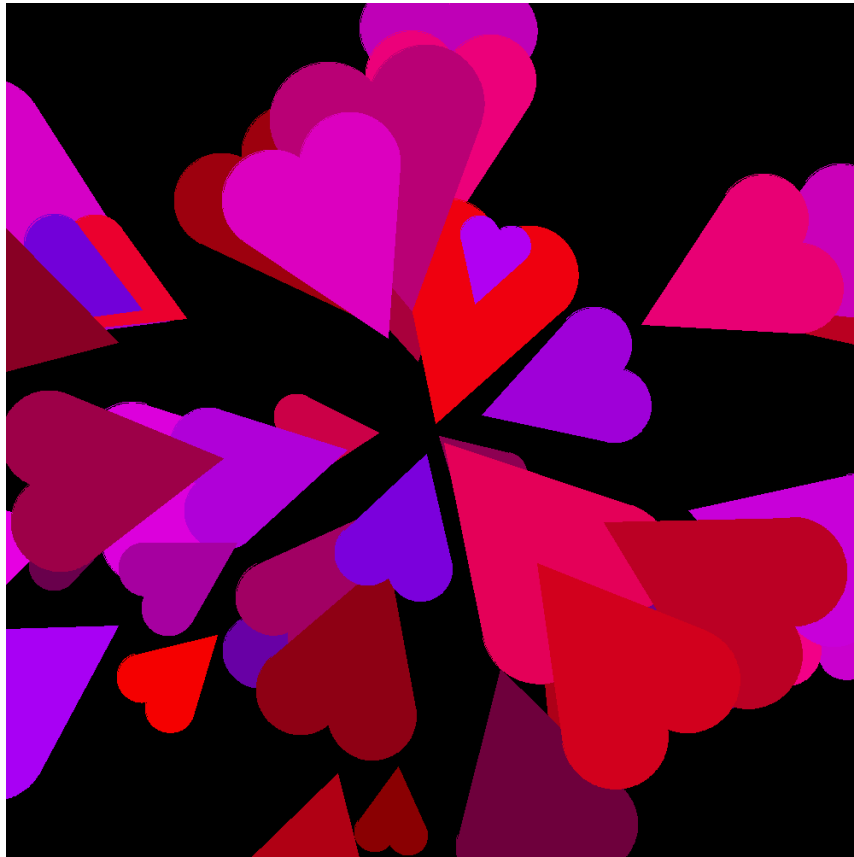


*Computer Science*  
*Where some stars thrive but most die*  
*DADDY DENERO*

Tokens: 402

[View Code \(entries/9de3deb1/contest.scm\)](#)

# Psudeo Random Heart Generator

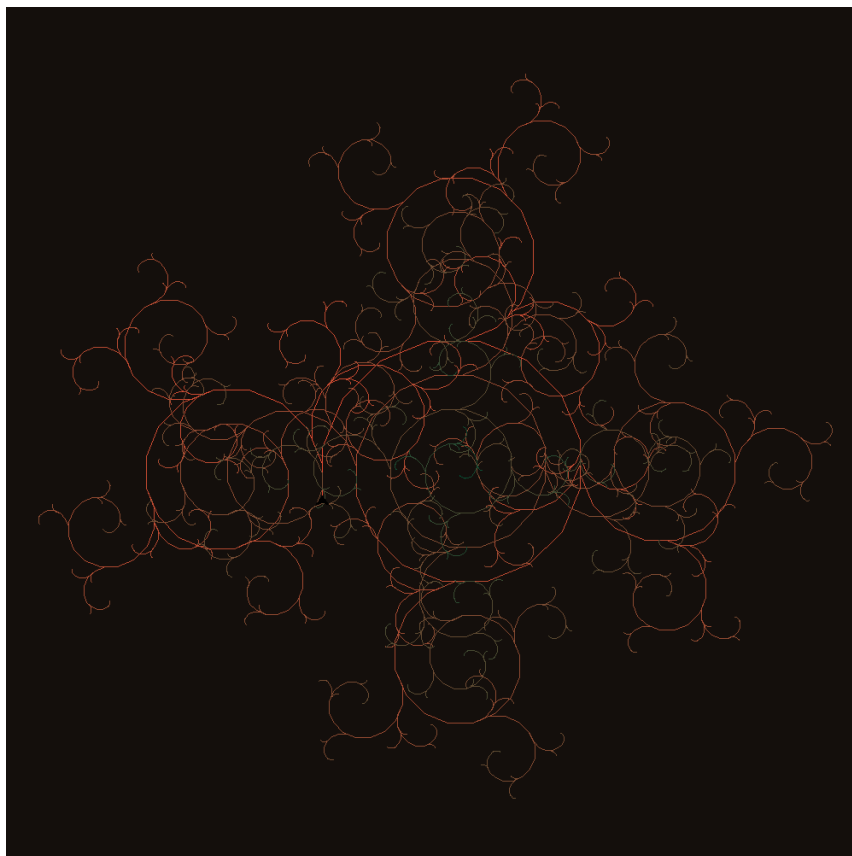


*A random heart explosion  
Erratic like a human heart*

Tokens: 382

[View Code \(entries/a820bac7/contest.scm\)](#)

```
(define (spiral turtle recursion) (* special_sauce (spiral turtle  
recursion)))
```

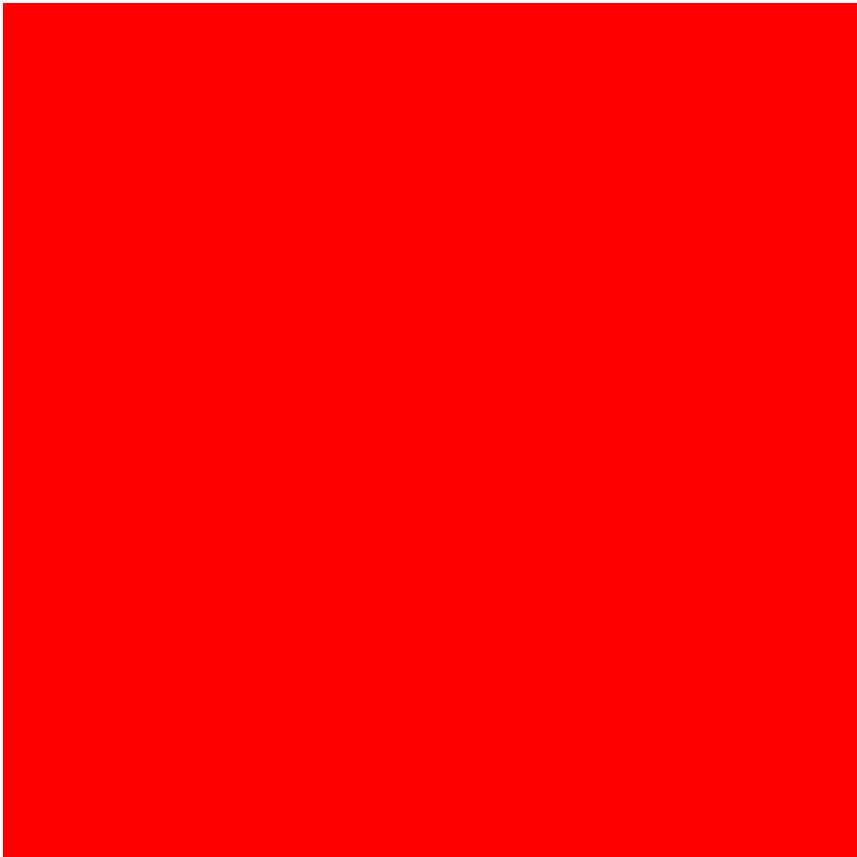


*That's a nice spiral  
you've there... Shame if something were  
to happen to it...*

Tokens: 249

[View Code \(entries/aa07ff5a/contest.scm\)](#)

red

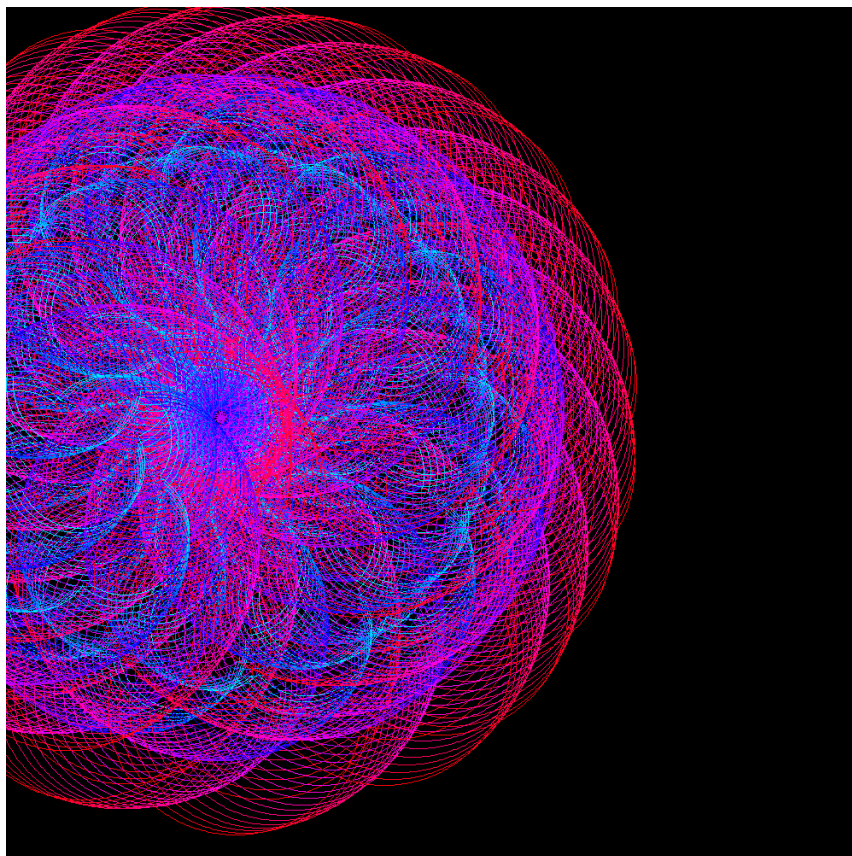


*red*  
*red*  
*Drake* 🤔

Tokens: 19

[View Code \(entries/bda9643a/contest.scm\)](#)

# 11:58 Submission



*Lazy Work*

*Repetitive Calls*

*Clock Ticking - Help me*

Tokens: 394

[View Code \(entries/c29c0819/contest.scm\)](#)



# Breakout Rooms be like



*Red: I saw Blue kill  
Body in electrical  
Everyone: red sus*

Tokens: 511

[View Code \(entries/d3ed09d6/contest.scm\)](#)

# You're Welcome :)



*The Konami Code*  
*Try pressing the keys right now*  
*Darkness awaits ye ...*

Tokens: 436

[View Code \(entries/e2d34b0f/contest.scm\)](#)

# Creeper

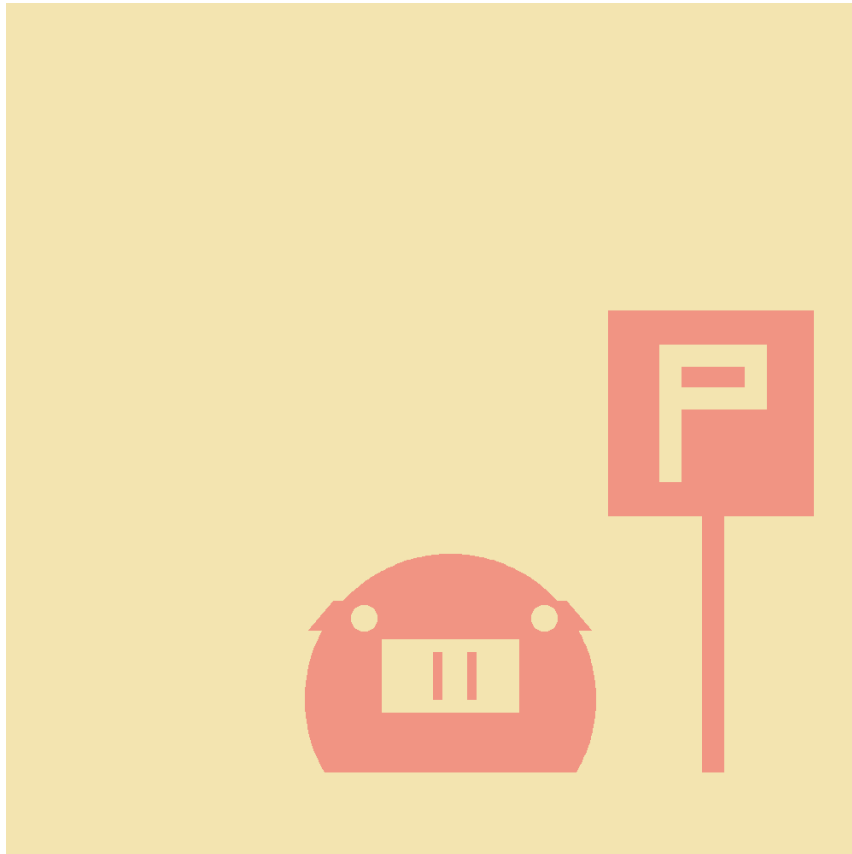


*Aww Man...*

Tokens: 166

[View Code \(entries/e6a6ce80/contest.scm\)](#)

# My Neighbor Piglet



*Once dreamt I rode a piglet to school  
and most excitedly  
I found a parking space*

Tokens: 333

[View Code \(entries/f8e6ff3c/contest.scm\)](#)

# self-portrait



*Finals await us  
Yet I make this sub-par clown  
Like the clown I am*

Tokens: 507

[View Code \(entries/late1/contest.scm\)](#)

## Heavyweight Division

# Beachy



*It is very cold.*

*I wish I was at the beach --*

*not studying, oof.*

Tokens: 859

[View Code \(entries/05e89b52/contest.scm\)](#)

# SUS

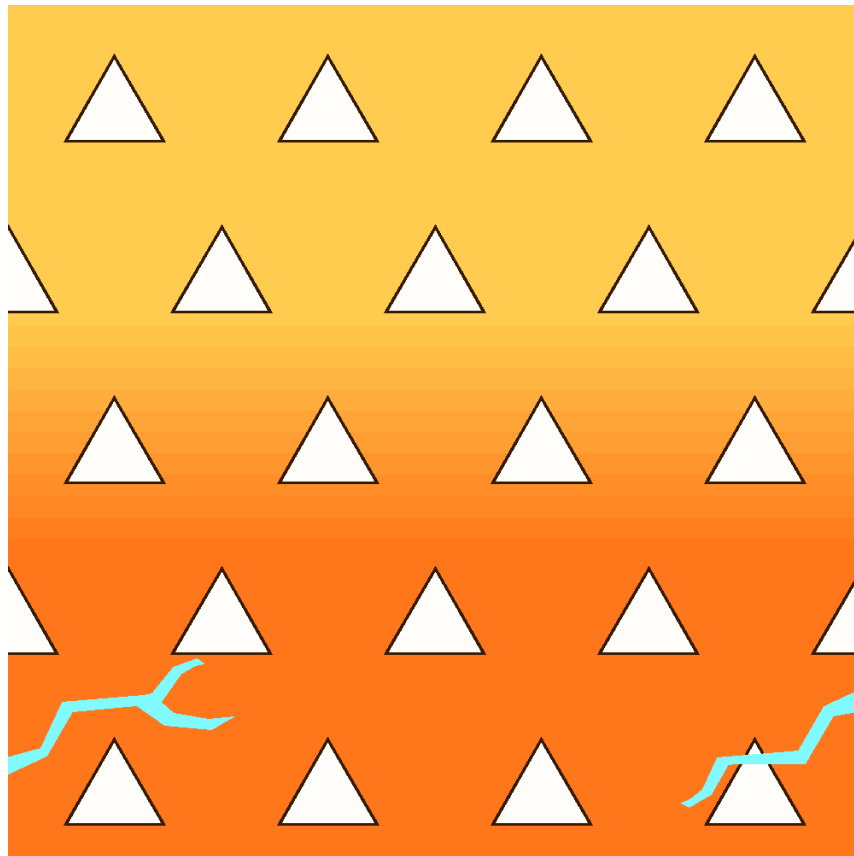


*I was in navigation but  
John seems kinda sus  
- Hany*

Tokens: 1363

[View Code \(entries/1158f5f8/contest.scm\)](#)

# Lightning boi



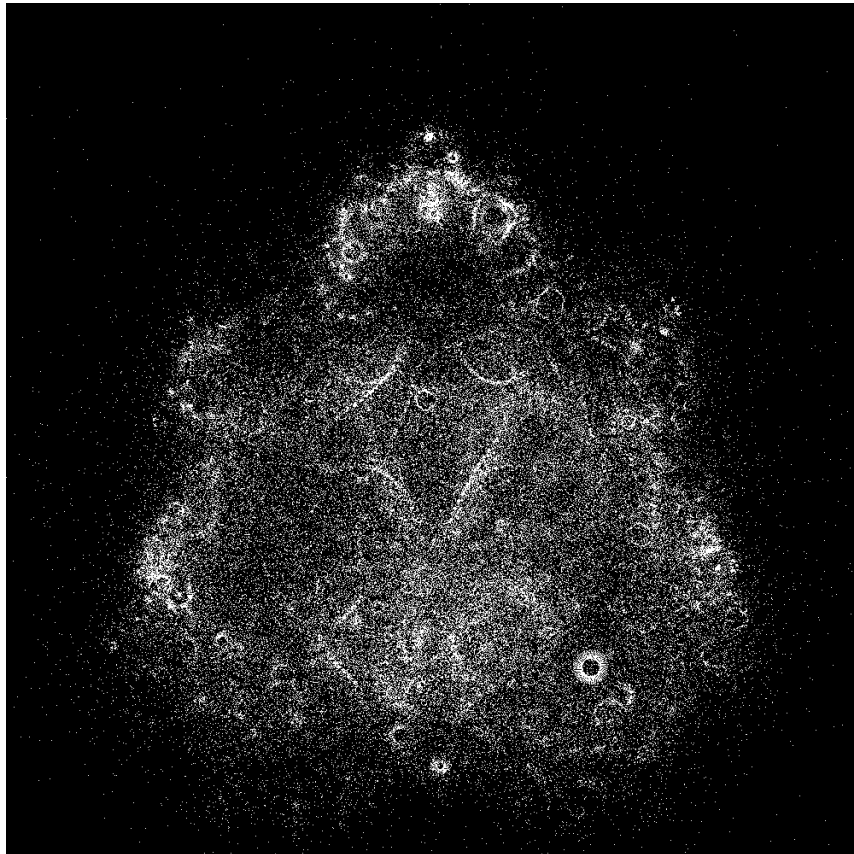
*A whole speedy boi  
When will the movie come out  
I want to watch it*

Tokens: 819

[View Code \(entries/6864819c/contest.scm\)](#)



# A Petri Dish Coughed Upon



*Scheme, I hate your guts  
-- obtuse and complicated --  
But look, pretty points.*

*Where the Mandelbrot set is defined as specifically the points that do not escape to infinity when iterated through the function*

$$z_{\text{next}} = z^2 + c,$$

*The Buddhabrot image, which our code takes inspiration from, looks at the paths that points take when they DO escape to infinity. This is not the actual Buddhabrot image, but rather a few of these paths (called orbits), before they escape to infinity. Essentially, a complicated way to produce points that end up looking almost random with some notable patterns. Many think that this image resembles the Buddha.*

Tokens: 3544

[View Code \(entries/6a3de5b1/contest.scm\)](#)

# Two Pretty Best Friends



*I ain't never seen  
two pretty best friends until  
Denero-Farid.*

Tokens: 2102

[View Code \(entries/9c458b24/contest.scm\)](#)

# Pizza

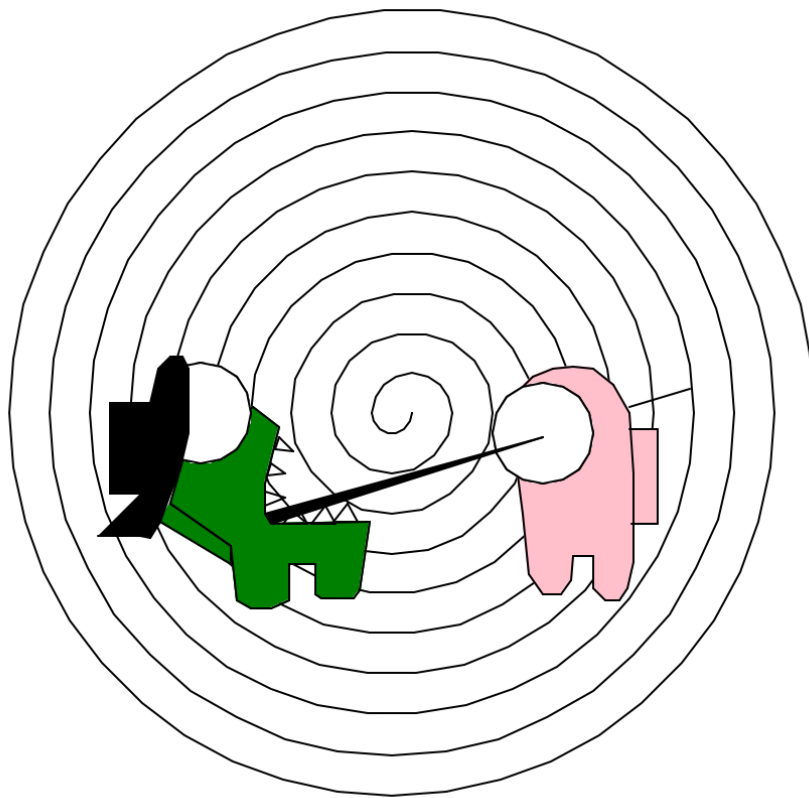


*A hot dog is a  
sandwich, birds are real, time is  
a social construct*

Tokens: 4057

[View Code \(entries/c6586b2e/contest.scm\)](#)

# the pink killa

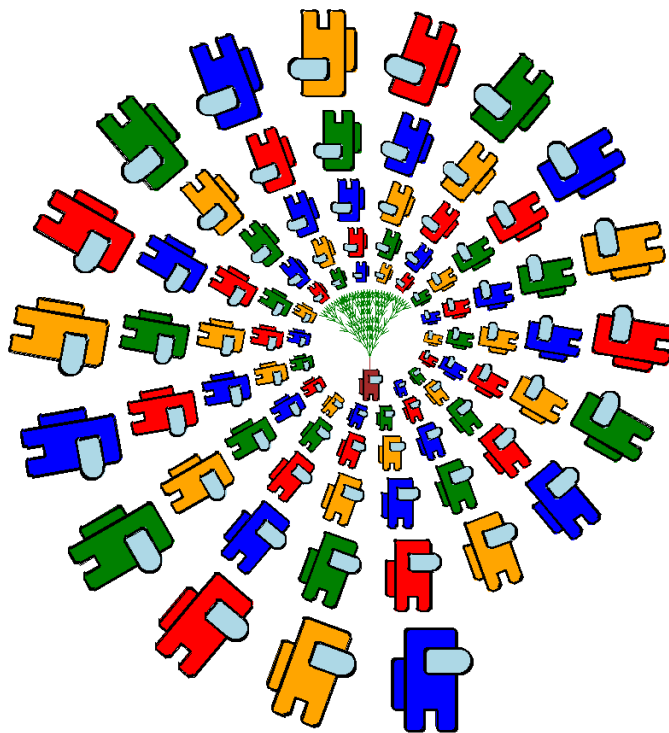


*I am pink. CS is green. rip.*

Tokens: 864

[View Code \(entries/c74670f1/contest.scm\)](#)

# There is 1 Impostor Among Us



*I wonder who the Impostor is... Boo Trees! Go Bears!*

Tokens: 1187

[View Code \(entries/c97e4b00/contest.scm\)](#)

# Sunset



*The most beautiful sunsets  
are the ones  
that pass all the tests*

Tokens: 3151

[View Code \(entries/d0e1dc9d/contest.scm\)](#)

# Serenity



*Divine, Serene, Peace  
What more do we need in these  
times, plus finals soon*

Tokens: 3407

[View Code \(entries/d2969080/contest.scm\)](https://inst.eecs.berkeley.edu/~cs61a/fa20/proj/scheme_gallery/entries/d2969080/contest.scm)

# SUPERHEROSKI



*Soaring through the clouds*

*Searching for trees with no clout*

*Superheroski*

Tokens: 3999

[View Code \(entries/d6b06054/contest.scm\)](https://inst.eecs.berkeley.edu/~cs61a/fa20/proj/scheme_gallery/entries/d6b06054/contest.scm)



# False Values in Python (Mostly)



*Five falsy values  
They must discover the truth  
I saw orange vent*

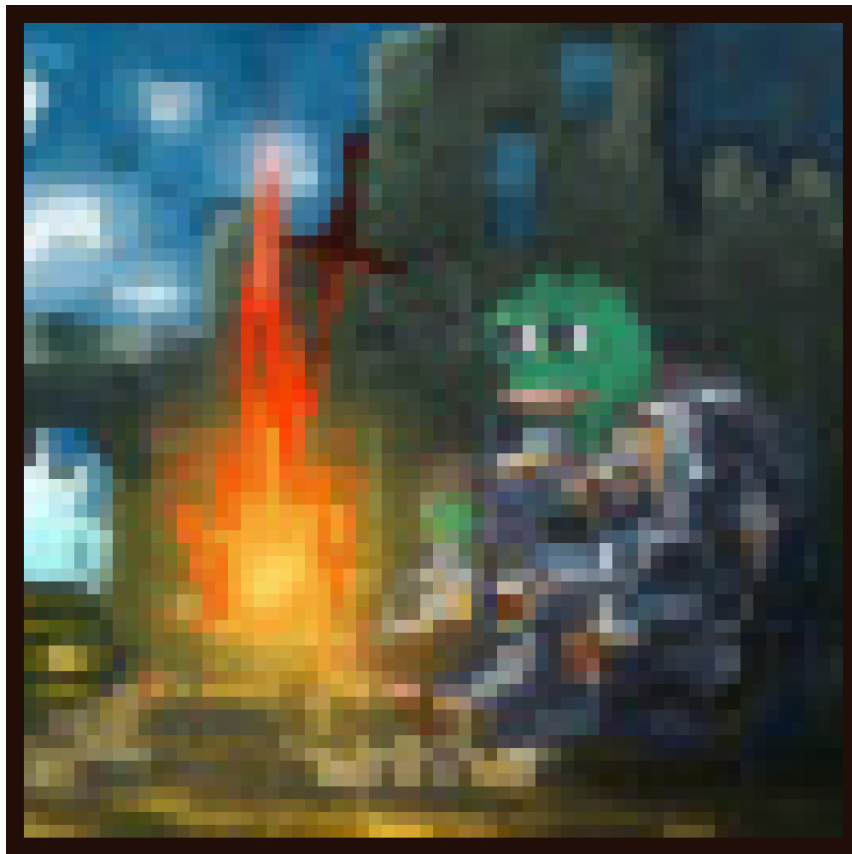
Tokens: 4077

[View Code \(entries/late2/contest.scm\)](#)

## Ultra-Heavyweight Division

This submission has too many tokens to be considered for the Heavyweight Division, but it is still part of the Gallery!

# Bonfire



*Dank Knight, burning fire  
CS kids, one desire  
B+, or higher*

Tokens: 4990

[View Code \(entries/66ad6e82/contest.scm\)](#)

## **CS 61A (/~cs61a/fa20/)**

[Weekly Schedule \(/~cs61a/fa20/weekly.html\)](/~cs61a/fa20/weekly.html)

[Office Hours \(/~cs61a/fa20/office-hours.html\)](/~cs61a/fa20/office-hours.html)

[Staff \(/~cs61a/fa20/staff.html\)](/~cs61a/fa20/staff.html)

## **Resources (/~cs61a/fa20/resources.html)**

[Studying Guide \(/~cs61a/fa20/articles/studying.html\)](/~cs61a/fa20/articles/studying.html)

[Debugging Guide \(/~cs61a/fa20/articles/debugging.html\)](/~cs61a/fa20/articles/debugging.html)

[Composition Guide \(/~cs61a/fa20/articles/composition.html\)](/~cs61a/fa20/articles/composition.html)

## **Policies (/~cs61a/fa20/articles/about.html)**

[Assignments \(/~cs61a/fa20/articles/about.html#assignments\)](/~cs61a/fa20/articles/about.html#assignments)

[Exams \(/~cs61a/fa20/articles/about.html#exams\)](/~cs61a/fa20/articles/about.html#exams)

[Grading \(/~cs61a/fa20/articles/about.html#grading\)](/~cs61a/fa20/articles/about.html#grading)